

Ubuntu

A language-specific scenario

mythanks.tripod.com



Sandy has recently arrived in the local neighbourhood...



Sandy has recently arrived in the local neighbourhood...
...and starts looking for work.

Ubuntu **On Air**

A language-specific scenario

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Yes, we *do* want want more customers
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And I *do* have the language skills to
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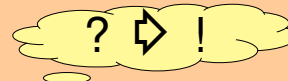
But there are *no* local radio or television
programs or newspapers in that language,
Sandy! If you made language-appropriate
commercials for us, there would be no local
language-appropriate media where we could
air those commercials – so, sorry, you're not
hired.

Ubuntu **On Air**

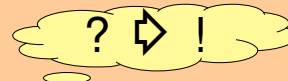
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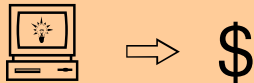


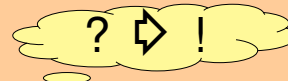
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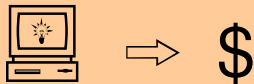
1. Sandy plans to upgrade Sandy's **computer-related skills** and to improve Sandy's **personal financial situation** appropriately.



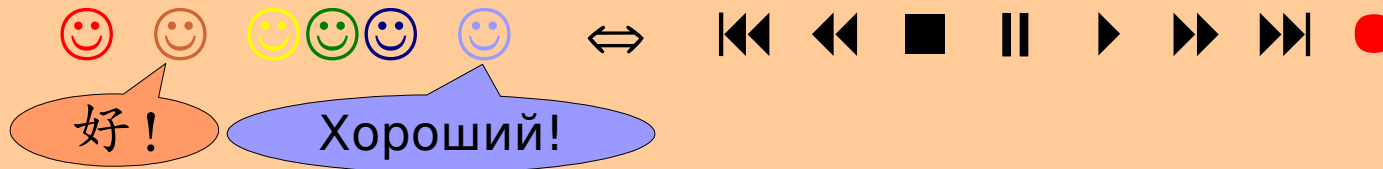


Using a Modified Creative Problem Solving approach, Sandy generates **ideas** – and makes a **plan** – to address the context and goal:

1. Sandy plans to upgrade Sandy's **computer-related skills** and to improve Sandy's **personal financial situation** appropriately.



2. Sandy plans to work on an approach that helps **language-specific communities**, including **isolated women**, to **benefit from local language-appropriate media** with appropriate content in familiar languages.

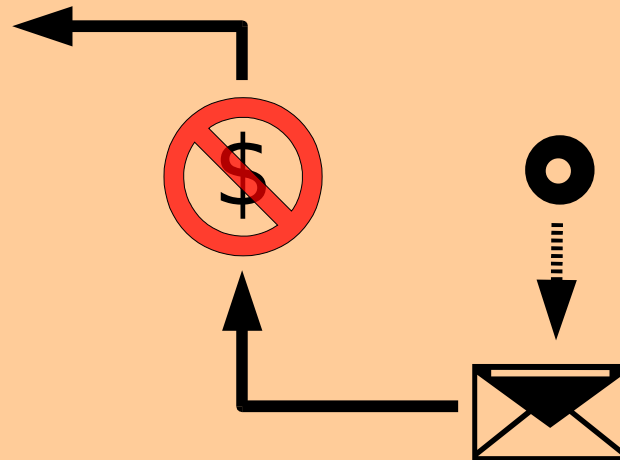


While using a computer at the public library to carry out research on the Internet, Sandy discovers about software called **Ubuntu**.

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While using a computer at the public library to carry out research on the Internet, Sandy discovers about software called **Ubuntu**. Realizing how **Ubuntu Desktop Edition** might help, Sandy initially plans to use that computer to **download a copy**. However, Sandy would need to use a CD-RW drive or a DVD-RW drive to put the downloaded software onto a CD-R disc – and that computer does not have those drives. Sandy then instead uses that computer to **request that an Ubuntu Desktop Edition CD be mailed for free** to Sandy.



Using the computer at the public library, Sandy learns about
scenarios where the use of unEwasted computers might help.

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Hi! My name is Sandy. If you're upgrading your computers and about to throw away your out-of-date computer equipment, I might be able to help you. If the older computer equipment is working, I might be able to take some of that older equipment away – for **free**! You don't need to pay me to help you dispose of that junk.

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Sandy goes from the shop to an office and then to other businesses. Soon, Sandy has been given a dusty computer **keyboard**, a computer **mouse**, and a spider-web-covered **power bar**. Eventually, Sandy receives a bulky computer **monitor**.

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Take this **power cord**, too. It goes with the monitor.

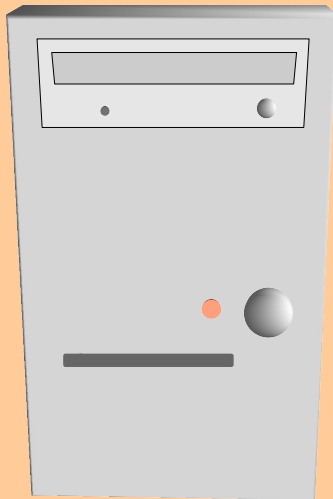
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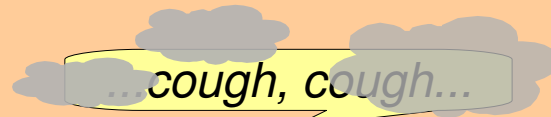
Hi! My name is Sandy. If you're upgrading your computers and about to throw away your out-of-date computer equipment, I might be able to help you. If the older computer equipment is working, I might be able to take some of that older equipment away – for **free**! You don't need to pay me to help you dispose of that junk.

Sandy goes from the shop to an office and then to other businesses. Soon, Sandy has been given a dusty computer **keyboard**, a computer **mouse**, and a spider-web-covered **power bar**. Eventually, Sandy receives a bulky computer **monitor**. Sandy even receives a pair of small, dusty **speakers** wrapped in a tangle of wires.

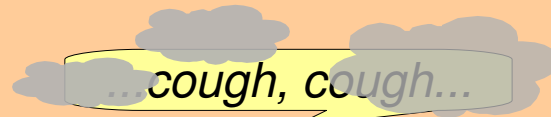
Take this **power cord**, too. It goes with the monitor.

Sandy, *please* take away this old computer tower. One of the graphic artists used to use this computer tower, but it won't run the new software that we use. The computer tower worked and has a CD-RW drive – but the hard drives have been removed, so you just see mainly a black screen when the power is turned on. I haven't had time to get rid of this tower, and the thing has just been taking up space in my cubicle. Here, take this power cord that goes with the tower.



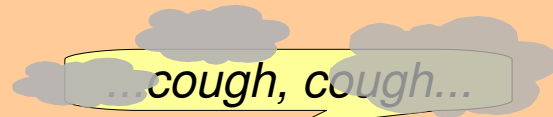


At home, Sandy carefully cleans and connects the unEwasted computer equipment.



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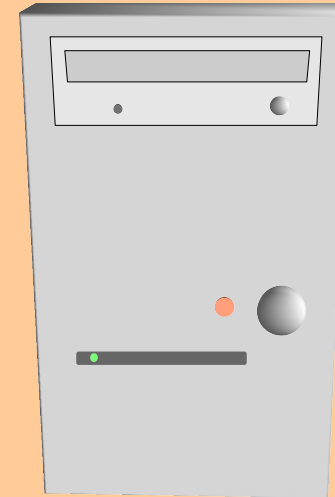
Sandy powers on the monitor and the speakers.

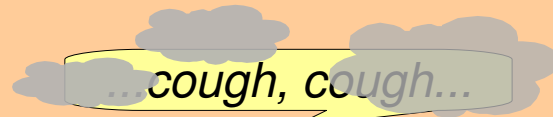


At home, Sandy carefully cleans and connects the unEwasted computer equipment.

Sandy powers on the monitor and the speakers.

Then Sandy powers on the computer tower...



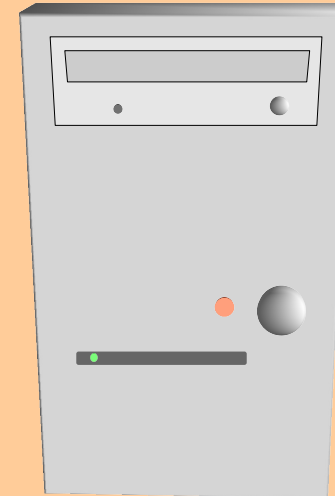
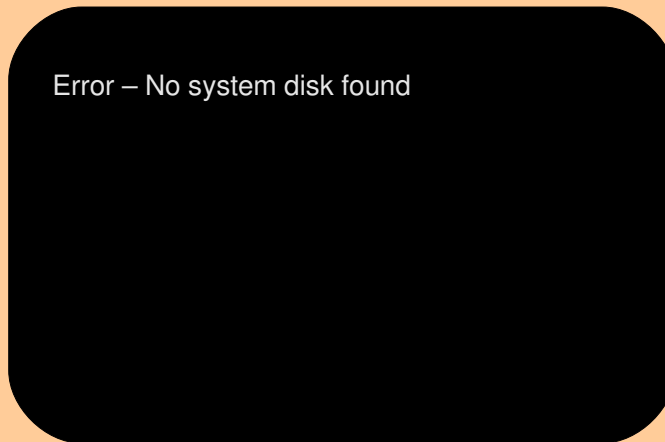


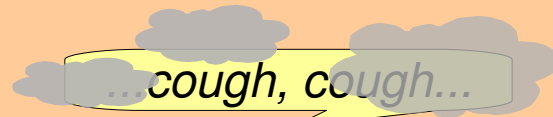
At home, Sandy carefully cleans and connects the unEwasted computer equipment.

Sandy powers on the monitor and the speakers.

Then Sandy powers on the computer tower...

...but the monitor stays mainly black and displays an error message.



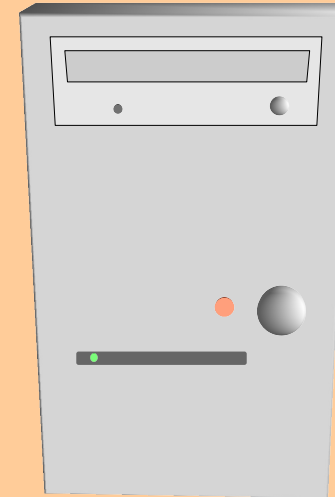
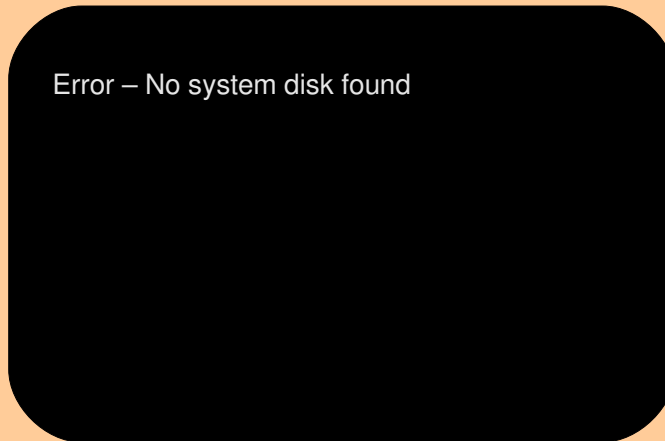


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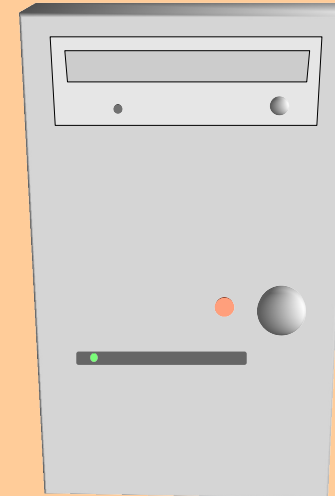
Even when Sandy taps on the keyboard keys and clicks on the mouse buttons, the error message stays on the black screen.



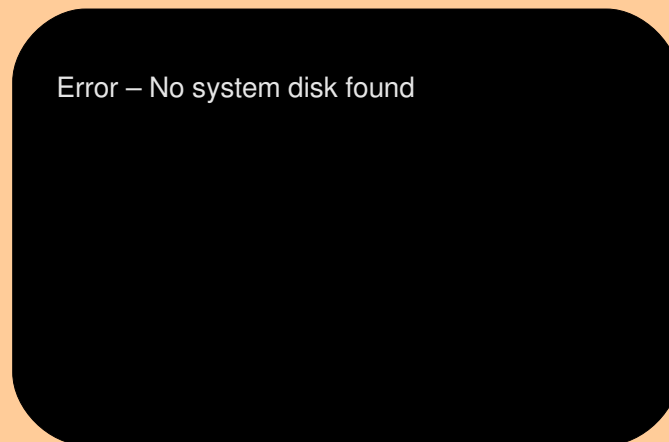
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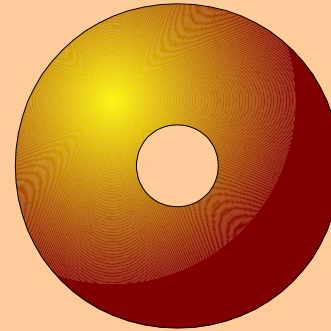
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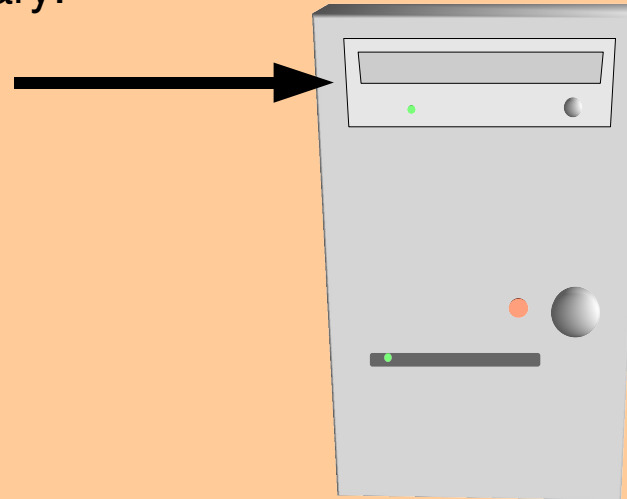
Then Sandy hears the letter carrier delivering the postal mail....

Looking through the mail that has arrived, Sandy finds the **Ubuntu Desktop Edition CD** that Sandy requested via the Internet recently at the public library.



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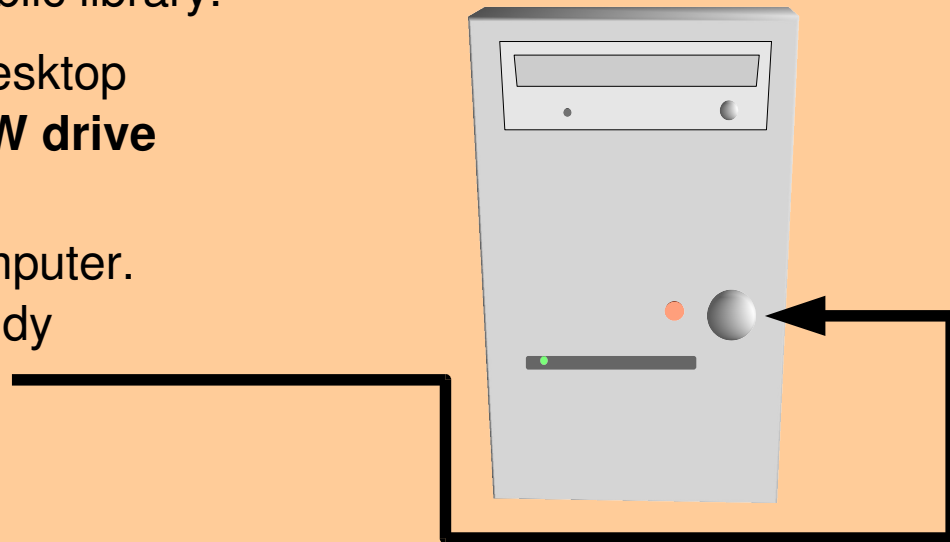
Sandy puts the Ubuntu Desktop Edition CD into the **CD-RW drive** in the computer.



Looking through the mail that has arrived, Sandy finds the **Ubuntu Desktop Edition CD** that Sandy requested via the Internet recently at the public library.

Sandy puts the Ubuntu Desktop Edition CD into the **CD-RW drive** in the computer.

Sandy powers **off** the computer.
After a few moments, Sandy powers **on** the computer.

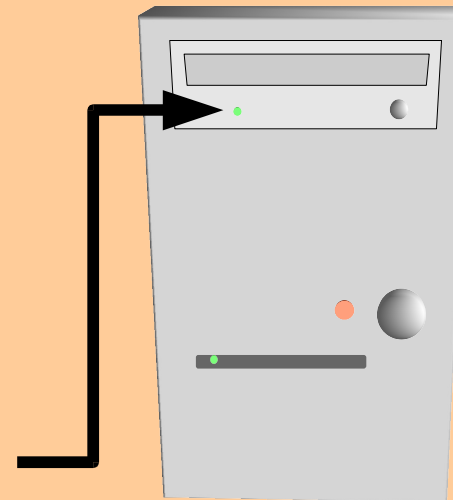


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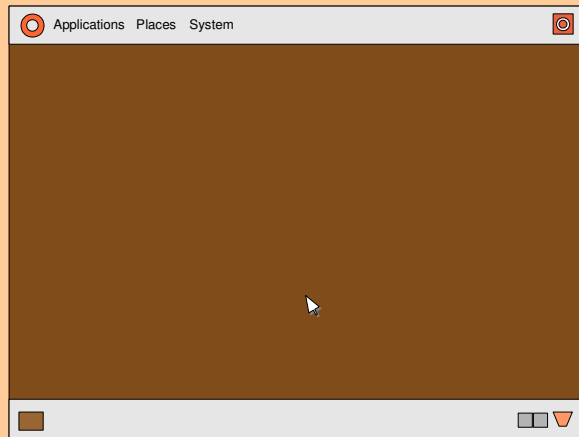
Sandy puts the Ubuntu Desktop Edition CD into the **CD-RW drive** in the computer.

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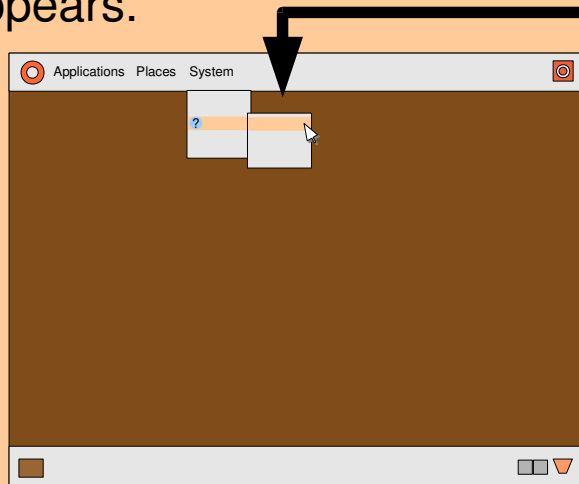
Sandy watches as the **green** LED on the **CD-RW drive** **blinks** while the computer accesses the **Ubuntu Desktop Edition CD**.



On the screen of the computer monitor, the Ubuntu **desktop** appears.

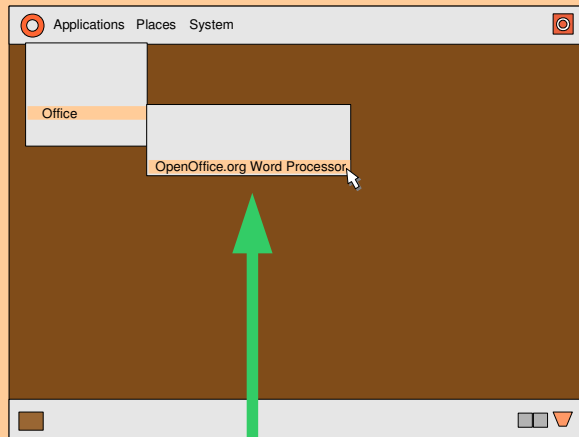


On the screen of the computer monitor, the Ubuntu **desktop** appears.



Sandy uses the computer mouse to access the **Help** information – and learns Ubuntu basics.

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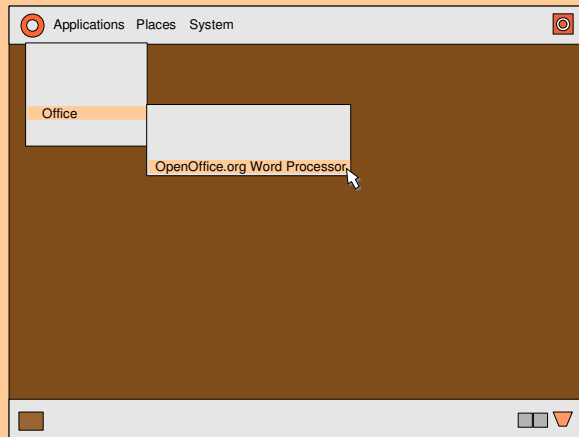


Sandy uses the computer mouse to access the **Help** information – and learns Ubuntu basics.

Sandy looks briefly at some of the software that is included in Ubuntu.

Sandy then selects **OpenOffice.org Word Processor**.

On the screen of the computer monitor, the Ubuntu **desktop** appears.



Sandy uses the computer mouse to access the **Help** information – and learns Ubuntu basics.

Sandy looks briefly at some of the software that is included in Ubuntu.

Sandy then selects **OpenOffice.org Word Processor**.

Using the menu bar in **OpenOffice.org** and the computer mouse, Sandy selects **File**. Then Sandy selects **New**. Then Sandy selects **HTML Document**.

Sandy thus makes a **Web page** – with multilingual text:

flavorici

English [Français](#) [中文](#) [Español](#) [Various languages](#)

appetizers / tapas

Jeerjeer Salata

Salad including cucumber, tomatoes, rocket leaves, and more

Vegetable Wat

Vegetable stew on a bed of injera bread

Elote

Roasted corn on the cob

Vegetable Sambuus

Vegetable samosa

Ansom Chek

Rice cake in banana leaves with bananas

Suan Cai

Pickled cabbage

Ubuntu **On Air**

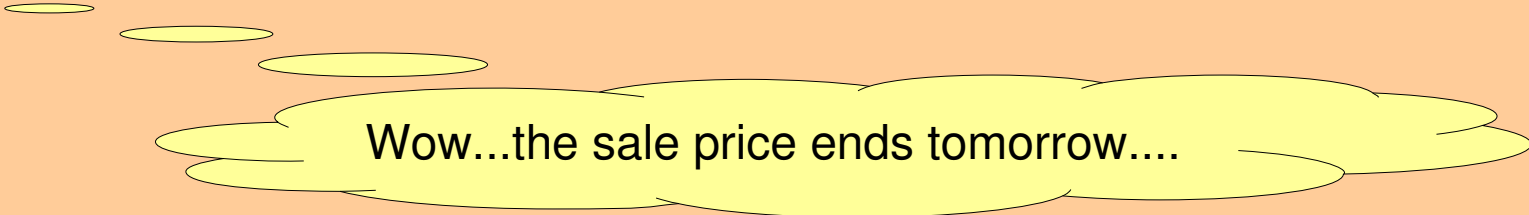
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Sandy goes to a nearby shop...

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Wow...the sale price ends tomorrow....

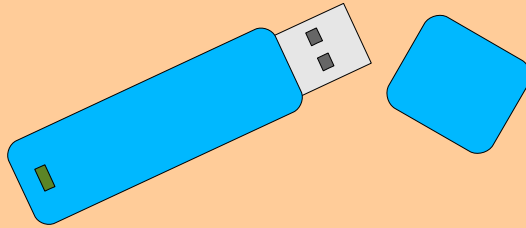
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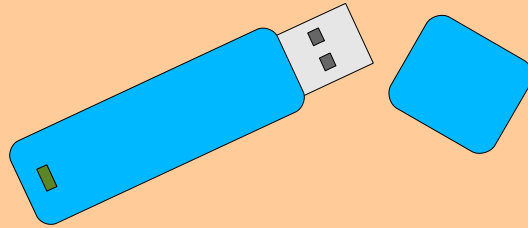
...and buys a **USB flash drive**.



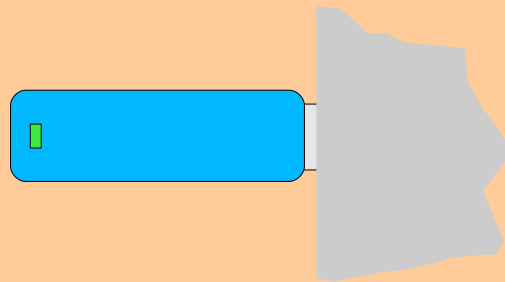
After Sandy returns home, Sandy opens the USB flash drive...



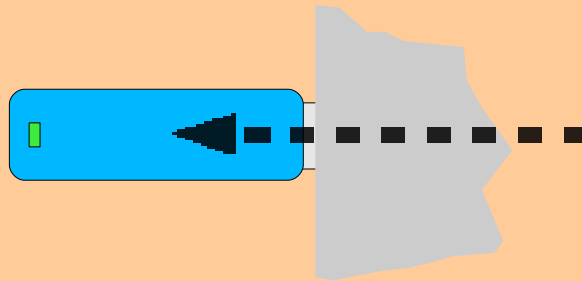
After Sandy returns home, Sandy opens the USB flash drive...



and plugs the USB flash drive into a USB connector in the computer tower.



Sandy **saves**
a few copies of
Sandy's **Web page**
onto the
USB flash drive.



flavorici

English [Français](#) [中文](#) [Español](#) [Various languages](#)

appetizers / tapas

Jeerjeer Salata

Salad including cucumber, tomatoes, rocket leaves, and more

Vegetable Wat

Vegetable stew on a bed of injera bread

Elote

Roasted corn on the cob

Vegetable Sambuus

Vegetable samosa

Ansom Chek

Rice cake in banana leaves with bananas

Suan Cai

Pickled cabbage

Ubuntu **On Air**

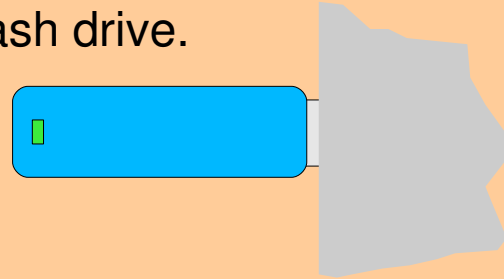
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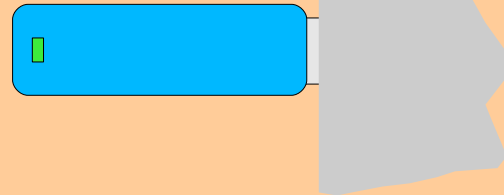
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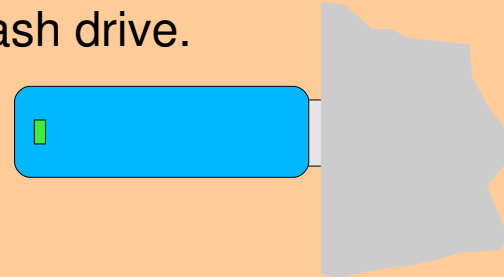


Then, when Ubuntu is ready, Sandy **physically removes** the USB flash drive from the computer tower...

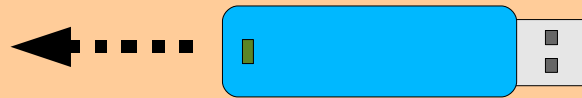


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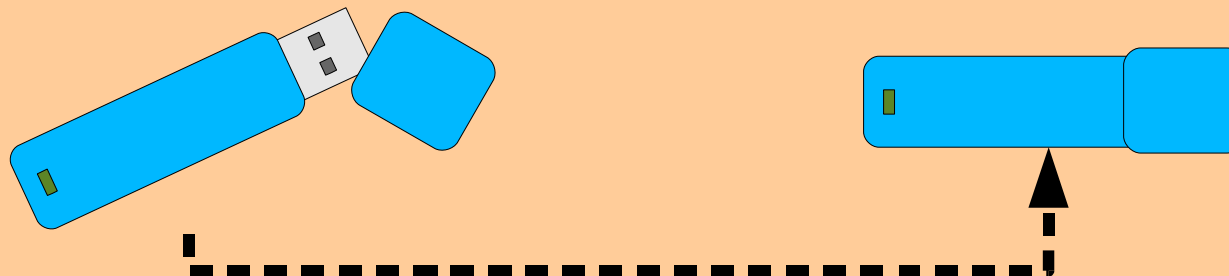
Sandy asks Ubuntu to *eject* the USB flash drive.



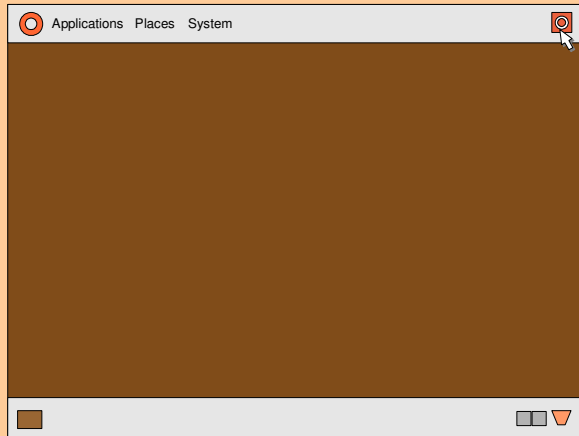
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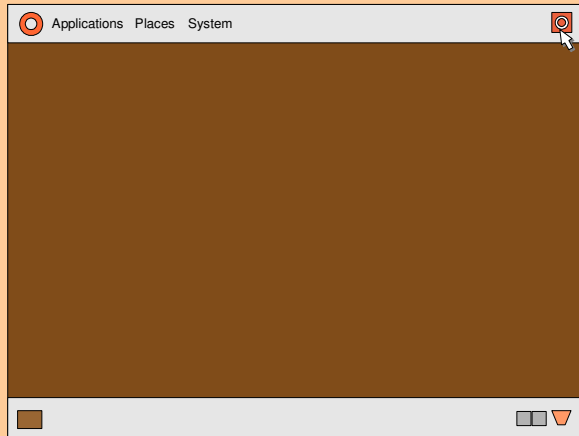
...and puts the protective **cap** back onto the USB flash drive.



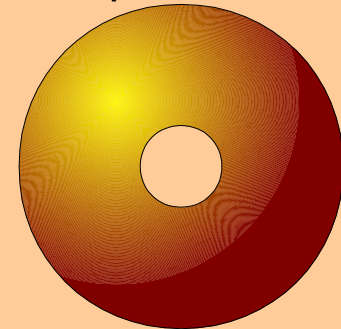
Sandy uses the computer mouse to begin **shutting down** Ubuntu.



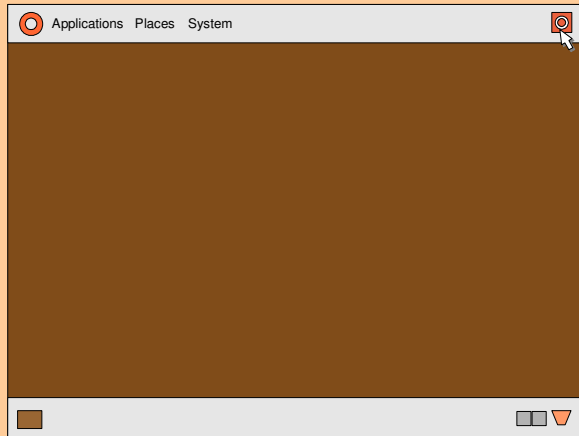
Sandy uses the computer mouse to begin **shutting down** Ubuntu.



When Ubuntu is ready, Sandy **removes** the Ubuntu Desktop Edition **CD** from the CD-RW drive and completes the Ubuntu shutdown.



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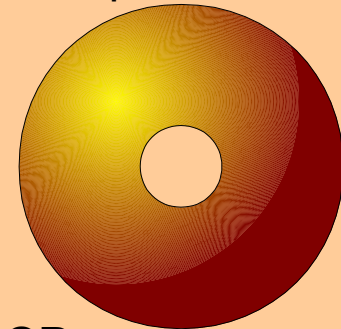


When Ubuntu is ready, Sandy **removes** the Ubuntu Desktop Edition **CD** from the CD-RW drive and completes the Ubuntu shutdown.

Sandy powers **off** the **monitor** and **speakers**.

Then Sandy safely stores the Ubuntu Desktop Edition **CD**.

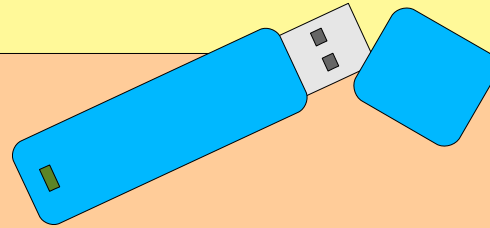
Sandy puts the **USB flash drive** into Sandy's jacket pocket.



Sandy goes outside to a nearby restaurant.

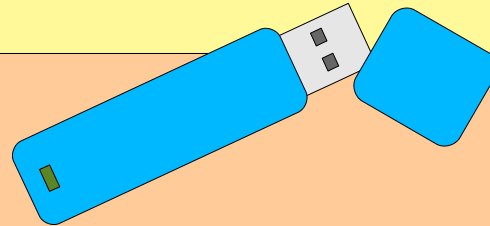
Sandy goes outside to a nearby restaurant.

Hi! My name is Sandy. I am thinking that the multilingual Web pages that I can make for you might help you to attract new customers – and to encourage recent customers to return.
I can show you an example of my multilingual work on my USB flash drive.



Sandy goes outside to a nearby restaurant.

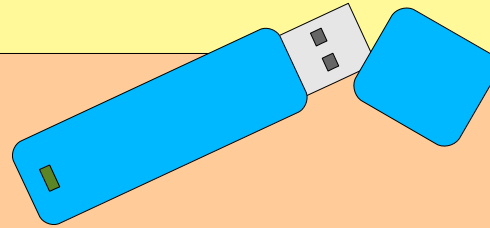
Hi! My name is Sandy. I am thinking that the multilingual Web pages that I can make for you might help you to attract new customers – and to encourage recent customers to return.
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As Sandy goes from one business to another and shows the example of Sandy's work, several businesses ask Sandy to make Web pages.

Sandy goes outside to a nearby restaurant.

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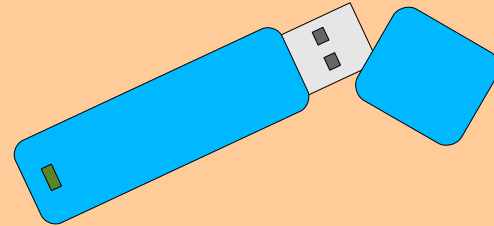
As Sandy goes from one business to another and shows the example of Sandy's work, several businesses ask Sandy to make Web pages.

Returning home, Sandy uses Ubuntu and OpenOffice.org to make the requested Web pages for Sandy's first two customers.

Sandy stores copies of the completed Web pages on the USB flash drive.

Sandy returns to Sandy's first customer and copies the requested Web page from the USB flash drive to that customer's computer.

The satisfied customer pays Sandy.

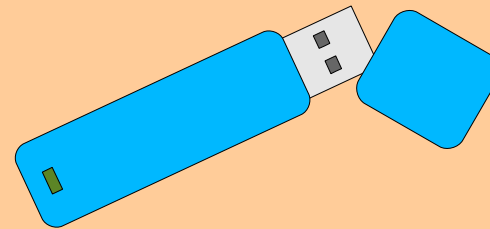
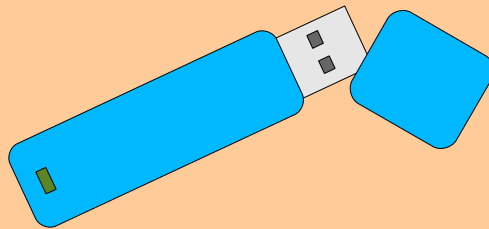


Sandy's second customer similarly pays Sandy for the delivery of the Web page that that customer had requested.

Using some of the money that Sandy has received from Sandy's first two customers, Sandy begins paying for **Internet access** and buys related **equipment** and **materials**.

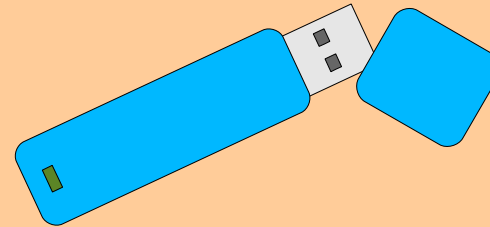
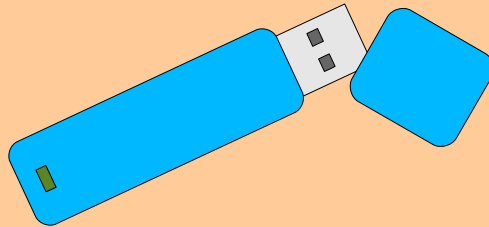
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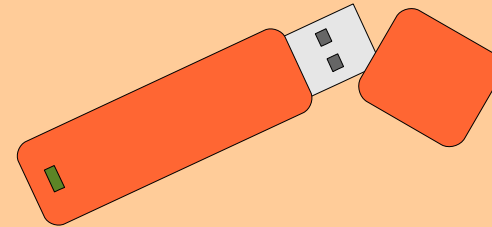
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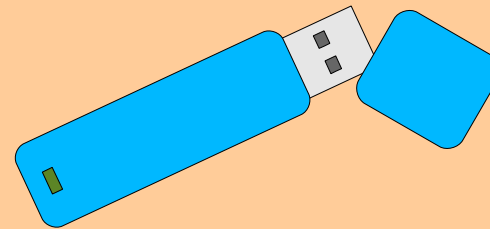
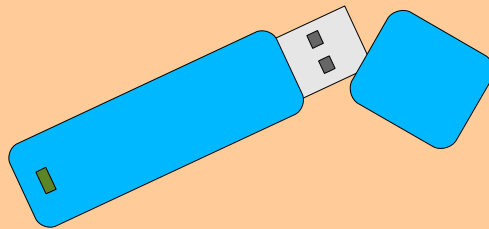
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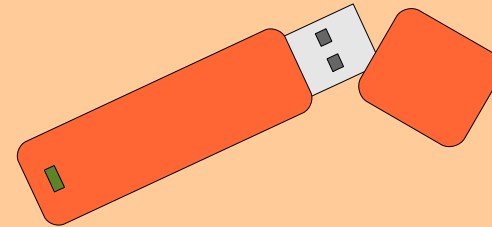
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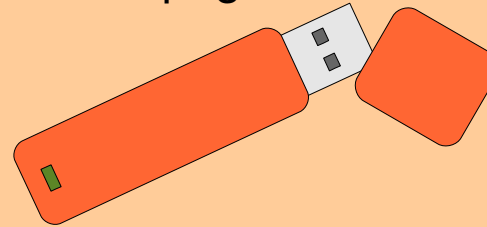
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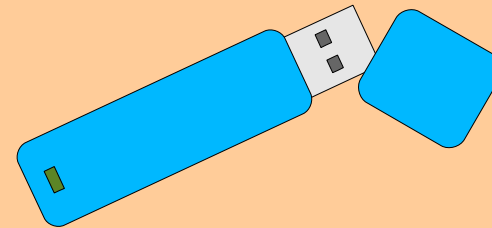
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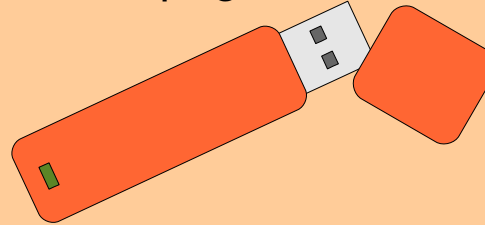
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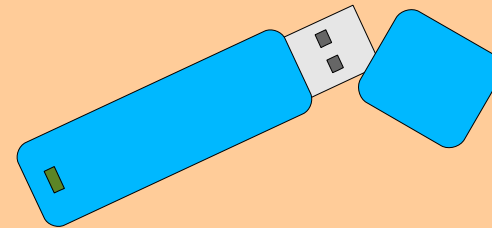
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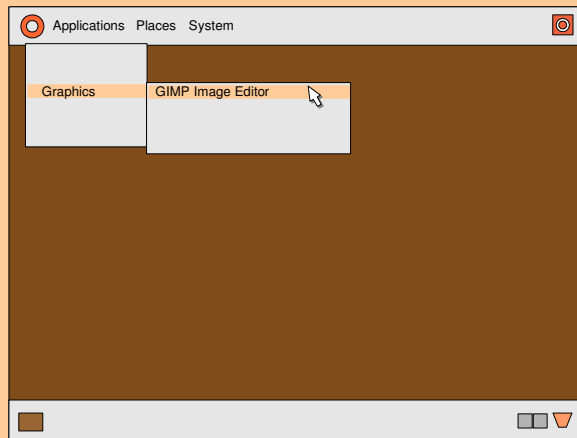


Using some of the money that Sandy has received from Sandy's third customer, Sandy buys a **digital camera** and a package of **blank CD-R discs**.

Sandy makes **copies** of the **Ubuntu Desktop Edition CD** onto some of the blank CD-R discs.

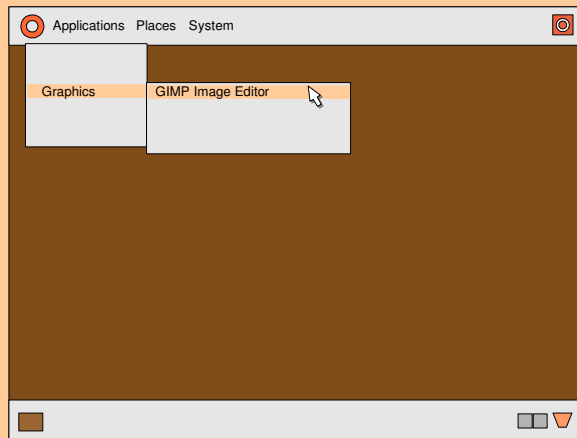
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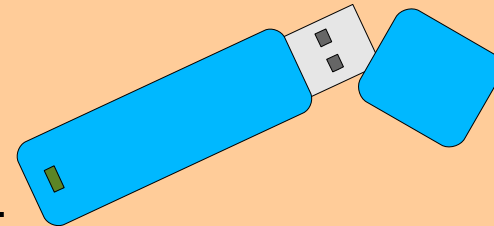
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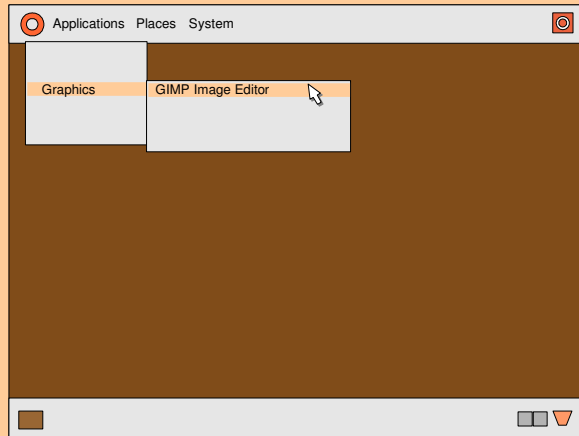


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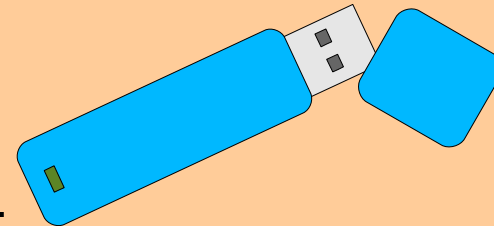


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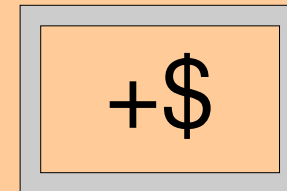


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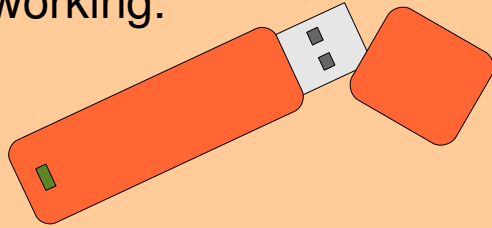


Sandy **offers** to **take photographs**, to **enhance** those photographs **multilingually**, and to **add** the enhanced photographs to the **Web pages** – for an **additional fee**.

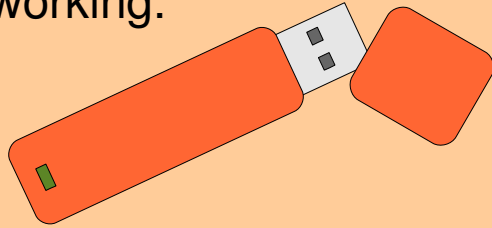


Several customers accept that offer.

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When allowed to use the **USB flash drive with Ubuntu** at a computer **at a customer's premises**, Sandy can **demonstrate ideas** for potential **improvements** – and get **immediate in-person feedback** from the customer.

Customers who **appreciate** that immediate in-person discussion **recommend Sandy** to other potential customers.

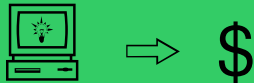
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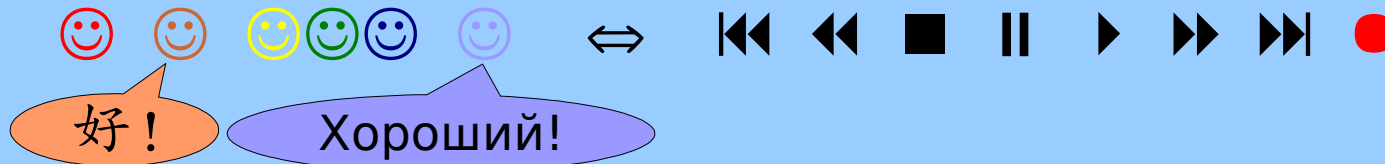
Sandy has made progress in relation to **Part 1.** of Sandy's plan:

1. Sandy plans to upgrade Sandy's **computer-related skills** and to improve Sandy's **personal financial situation** appropriately.



Sandy now focuses on **Part 2.** of Sandy's plan:

2. Sandy plans to work on an approach that helps **language-specific communities**, including **isolated women**, to **benefit from local language-appropriate media** with appropriate content in familiar languages.



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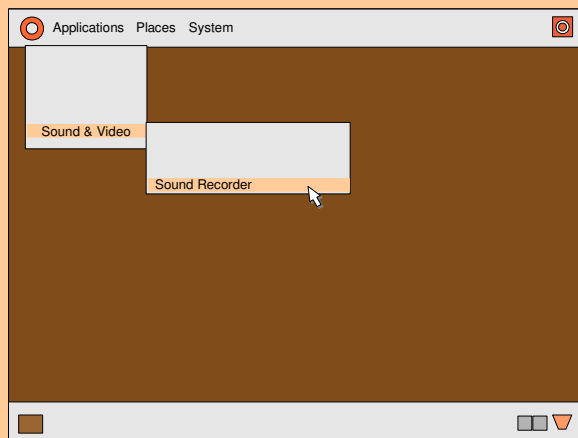
Sandy buys a **headset**, which includes **headphones** and a **microphone**.

Sandy notes that some of **Ubuntu** and some of the **software** in **Ubuntu** have been **localized** or translated **into various languages**.

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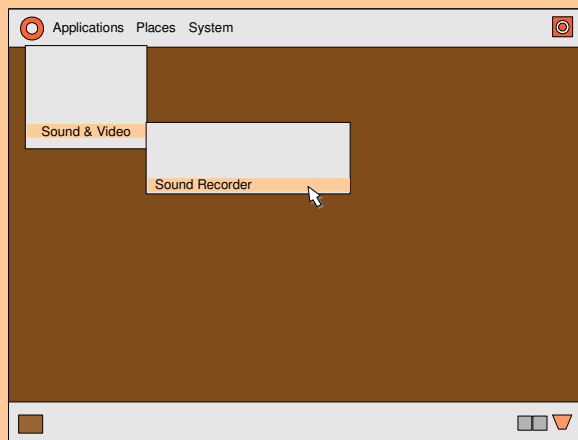


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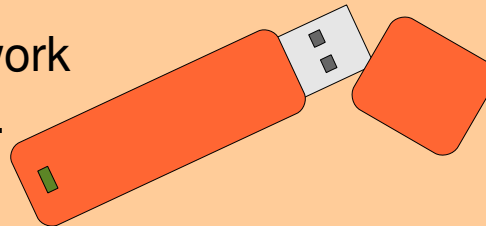
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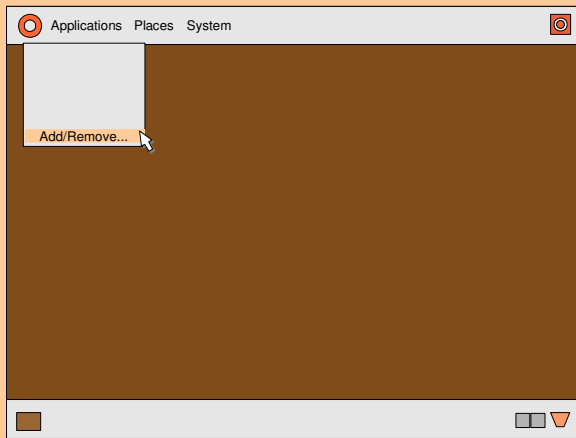


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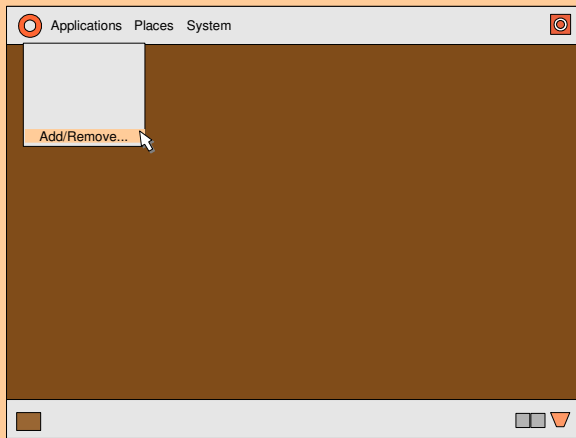
Sandy **saves** Sandy's work onto a **USB flash drive**.





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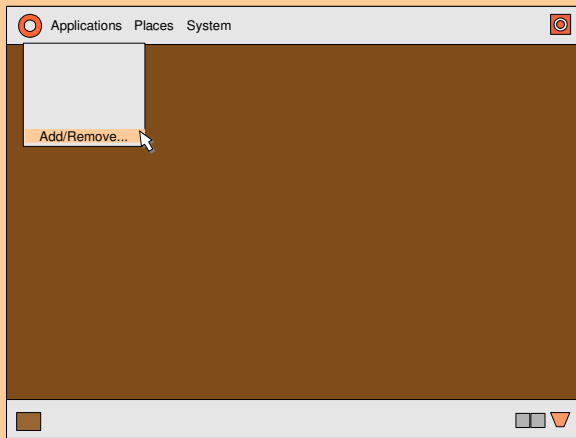
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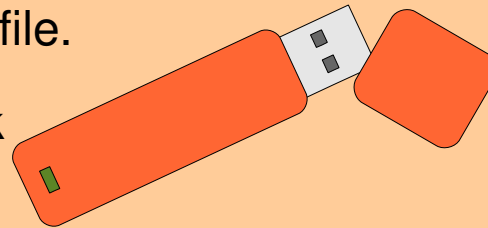


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After Sandy **follows** (or clicks on) that **hyperlink**, the **Totem** media player in Ubuntu **automatically plays** the sounds in the **radio show episode** stored in that Ogg Vorbis **file**.

Sandy can then hear clearly that radio show episode via the speakers connected to the computer system.

Sandy goes to organizations, including businesses and educational institutions, and offers to **remove** selected **unEwasted computer equipment**.

Sandy **collects** enough equipment to put together **seven unEwasted computer systems** that work and that are **similar** to the unEwasted computer system that Sandy is using.

Each of those computer systems has **speakers**.
Each of those computer systems has **no hard drives**.

Each of those computer systems has a **microphone** (which, for example, might be a part of a headset where the microphone works but the headphones do not work).

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For **each** of the unEwasted computer systems, Sandy makes a **copy** of the **Ubuntu Desktop Edition CD**, **tests** the computer system with that CD copy, and **stores** the **CD copy with that computer system**.

Keeping in mind the goal of the project, Sandy prepares a **job description** that will guide Sandy in Sandy's **recruitment** of and **work** with the **initial seven women** who will **volunteer** with Sandy in the **beginning** of the **radio show project**.

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The **criteria** in the job description include:

- each volunteer must be able to have a **listening-oriented understanding** of the **language** of interest, to **speak** in the **language** of interest, and to apply appropriate **cross-cultural sensitivity**
- each volunteer must be **willing to learn** and, where appropriate, to **apply** relevant **skills**, including relevant **computer-related skills**, appropriate **interpersonal communication skills**, modified **creative problem solving skills**, and **trainer skills**
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Using word-of-mouth **networking** and **referrals** from relevant organizations, including **community groups**, Sandy **recruits seven women volunteers**, including some who have been feeling **isolated**.

Sandy makes sure that **one unEwasted computer system** with a **copy** of **Ubuntu Desktop Edition** on a **CD-R disc** is set up, connected to the **Internet**, and **working** properly at the **residence** of **each of the women volunteers**.

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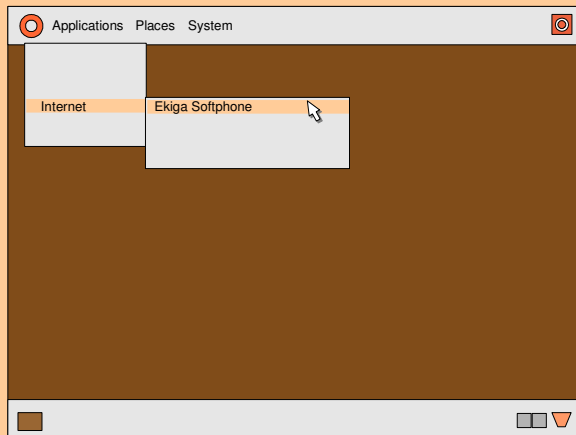
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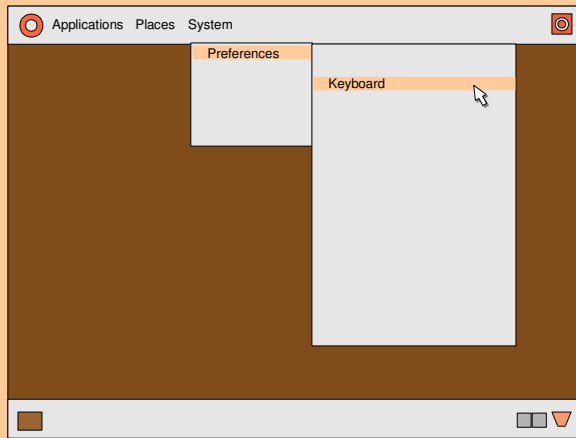
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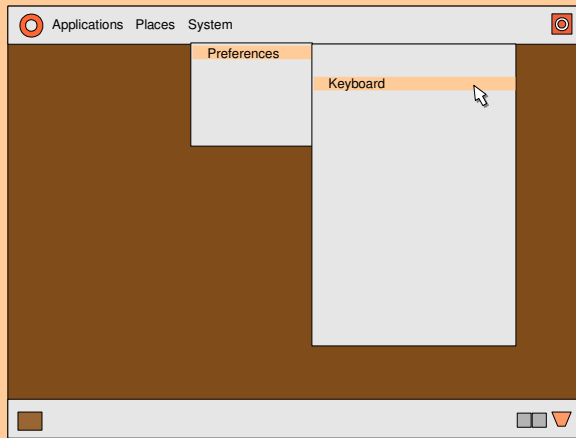
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Each of the women volunteers, with **training** from Sandy, uses the **speakers, microphone**, and the **Ekiga Softphone** software included with Ubuntu to participate in **voice conference calls**, where the women volunteers **meet** online and receive **group-based training**.



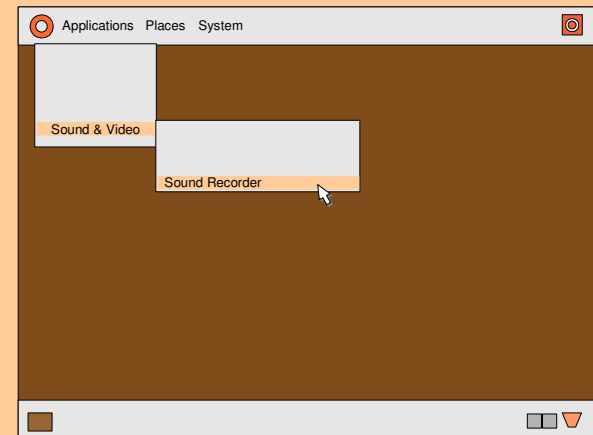
Ubuntu is able to **convert** a computer keyboard into a **keyboard for a specific language** that is **different** from the language that is typically used with that keyboard. However, Sandy **initially** focuses on **approaches that reduce reliance on reading and writing**, because some of the volunteers might not prefer to read or write.



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Soon, the **women volunteers** are using the **Sound Recorder in Ubuntu** to record the telling of selected **folk tales**, the sharing of **recipes**, and **aural herstory** accounts focusing on women's contributions to the local community.

The women **upload** the recordings – edited or unedited – to Sandy.



Sandy **organizes** that uploaded audio content into **show-segments** for the show series.

Sandy encourages the women volunteers to make content that is timeless or relatively **time-insensitive**.

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The radio show project obtains **supportive coverage** from the **media** broadcasting in the **locally official** languages.

Sandy is then able to obtain **advertising contracts** from businesses and others who wish to have **commercials** advertising on the language-specific radio series.

When Sandy and the women volunteers are ready, the thirteen-week **pilot** of **prerecorded episodes** of the show series goes **live**.

At a specified time on a **weekly** basis during the **thirteen weeks**, the **new** episode's **show-segments** – in **Ogg Vorbis** format – are **uploaded** to the show's Web site, which is a part of Sandy's Web site, and the **previous** episode's show-segments are **removed**.

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During the thirteen-week pilot, the **women volunteers** are

- **publicizing** the series via word-of-mouth
- receiving **training** and upgrading skills
- practising as **trainers** for **volunteers to be recruited** in the future
- developing a **volunteer management** approach and program
- working with Sandy to develop effective production-oriented and organizational approaches that are **sustainable**
- encouraging **more** potential **sponsors** to purchase advertising
- obtaining **feedback** and **suggestions** – and supportive **testimonials** with signed releases for public distribution

Early in the pilot, the feedback received already indicates that the series is **well-received** by both the growing **audiences** and the advertising **sponsors**.

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Sandy facilitates the transitions that help enable the **volunteers to maintain and improve the series** with **decreasing interventions by Sandy** – and that enable Sandy to have the time to **adapt** the approach for application to **other language-specific communities**.

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Sandy facilitates the transitions that help enable the **volunteers to maintain and improve the series** with **decreasing interventions by Sandy** – and that enable Sandy to have the time to **adapt** the approach for application to **other language-specific communities**.

Sandy has some ideas for the **improvement** and **expansion** of the **current initiative** – and some ideas for **other projects**.

Early in the pilot, the feedback received already indicates that the series is **well-received** by both the growing **audiences** and the advertising **sponsors**.

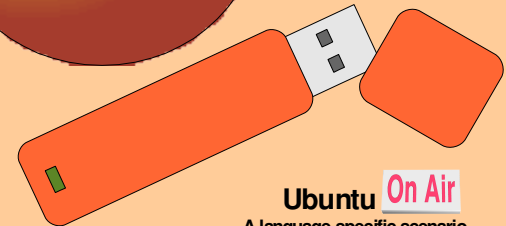
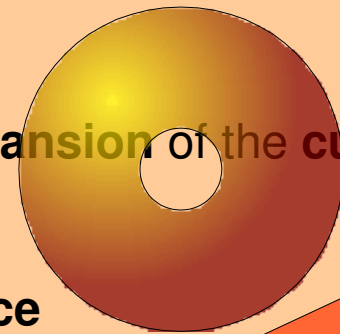
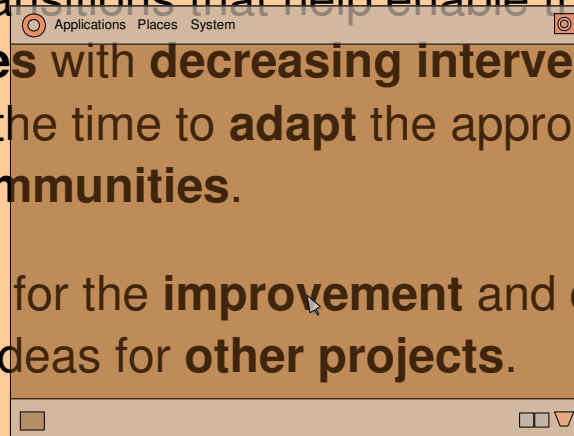
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Sandy expects that **Ubuntu** and **free and open-source software** might also help in the process where the **new ideas** become **developed** and **implemented effectively**.



Ubuntu On Air
A language-specific scenario
mythanks.tripod.com

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