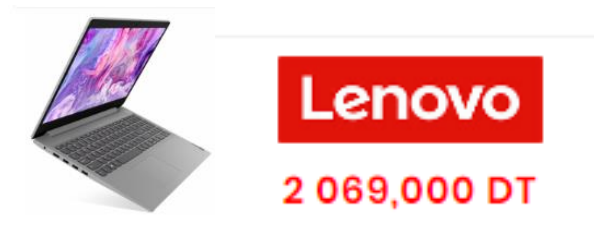


Example: Compare these two computers and say which one is suitable for a person wanting to play with 3D games (FiFa, counter strike, etc.)

Computer1:



Operating system

Windows10

Processor

Intel Core I7-10510U 10th Generation , 1.8 Ghz Up To 4.9 GHz, 8 Mo Cache

Memory(RAM)

8 Go

Hard disk

Computer2 :



Operating system

Windows10

Processor

Intel Core I7-10510U 10th Generation , 1.8 Ghz Up To 4.9 GHz, 8 Mo Cache

Memory

8 Go

Hard disk

1 To

Graphic card

1 To

Graphics card

Nvidia Geforce MX330, 2 Go dedicated memory

Screen size

15.6"

Touch screen

No

Network

WiFi - Bluetooth

Camera

Webcam plus Micro

Warranty

1 year

Integrated graphics card

Intel HD Graphics

Screen size

15.6"

Touch screen

No

Network

WiFi - Bluetooth

Camera

Webcam plus Micro

Warranty

1 year

The operating system

1) Presentation:

Activity:

Watch the video 4 and release the definition and the functions of an operating system.

a) Definition of an operating system (OS)

An operating system is a set of programs necessary for the starting up and for the use of a computer.

Examples: Windows, linux, Mac OS.

An operating system allows:

- Managing files
- Managing programs
- Managing memories
- Managing devices.

Activity: Classify the following operating systems in the table below:

Android/Windows mobile/Windows/iOS/MacOS/Linux

Operating systems for computers	Operating systems for smartphones

b) The desktop:

Start your computer and then describe the windows desktop:

Activity 10: Complete the blanks with words from the list

Start button Task bar Icons Notification bar Background picture

The image shows a Windows desktop environment with a blue background and the Windows logo. On the left side, there is a Start button and a task bar. The desktop contains several icons: Computer, Recycle Bin, Control Panel, Jamie, Mozilla Firefox, Opera, Skype, and outlook. There are five white boxes with dotted lines for text, each with an arrow pointing to a specific part of the desktop: one points to the Start button, one to the task bar, one to the desktop icons, one to the notification bar, and one to the background picture.

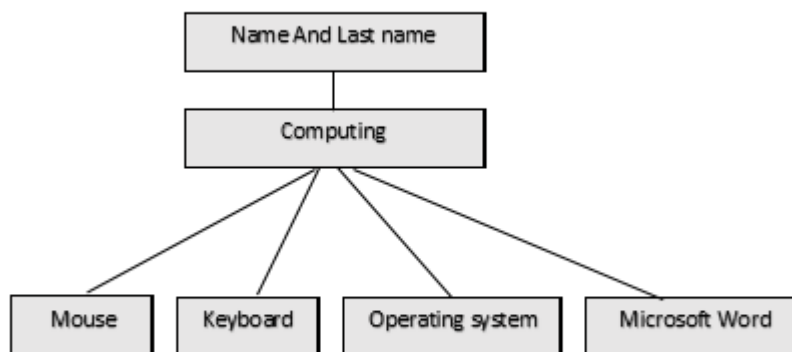
2) Managing files and folders:

Activity:

1. Open the folder named **computer** in the drive D
2. Distinguish the files and the folders.
3. What's the content of the file named (definition.docx)?
4. Try to find a definition of the notions "file" and "folder":
 - A file is a set of data establishing a document of some nature (text, image, sound, and video).
It is characterized by its name, its size and its type (extension).
 - A folder is a structure which can contain files and also folders.
5. Identify the type of the files located in the following path d:\computer

a) Folders management

- Create the following tree on drive **C**



- Create 2 folders named **Software** and **Hardware** in the **Computing** folder.
- Copy the folders **Operating system** and **Microsoft word** to the **Software** folder.
- Rename The folder **operating system** and **Keyboard** that are in the **Computing** folder to **Activities** and **Exercises**
- Create the following files in the **Computing** folder:
 - **Mouse** of bitmap image type
 - **Word processing** of Microsoft word type.
- Move the files **Mouse** and **Word processing** that are in **Computing** folder to the **Mouse** folder and the **Microsoft word** folder.
- Delete the **Operating system** folder.

a.1-Creating a folder

1. Go to the location where you want to create a new folder.
2. Right-click a blank area, point to New, and then click Folder.
3. Type a name for the new folder, and then press Enter.

a.2- Copying a folder

1. Select the folder you want to copy.
2. Right-click the folder and click Copy
3. Move to the location you want to place the folder, right-click and then click Paste.

a.3- Moving a folder

1. Select the file you want to move,
2. Right-click on the highlighted file, and then select Cut.
3. Browse to the folder you would like to move the file to
4. Right-click and select Paste .

a.4- Renaming a folder

1. Highlight the folder.
2. Right-click the folder and click Rename from the menu that appears.
3. Type a new name for the folder

a.5- Deleting a folder

1. Highlight the folder.
2. Right-click the folder and click delete from the menu that appears.
3. Click Yes button

b) Files manipulation

b.1-Creating a file:

1. Browse the drive or the father folder
2. Right-click a blank area, point to New
3. Choose the type of the file to be created
4. Type a name for the file, and then press Enter.

Note:

To copy, move, rename and delete files follow the same steps as folders.

c) Searching for files and folders

Activity:

Jamel forgot the location of the word document that he created last week.

Help him to find his work.

→Windows offers the possibility of searching a file or a folder.

Use the search box in a folder or library



Or use the search box on the Start menu

