Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE
100%

What is an Operating System?

TOTAL POINTS 7

1. What are the two main parts that make up an operating system? — 1 / 1 point

- ○ Users and Software
- ○ Kernel and Packages
- ◉ Kernel and Userspace
- ○ Windows and Mac

Correct
Woohoo! The two parts that make up an operating system are the kernel and the user space.

2. What are the main components of file management? Check all that apply. — 1 / 1 point

- [ ] NTFS
- [x] File data

Correct
You got it! The main components of file management are the storage of data, the file metadata, and the filesystem.

- [x] File system

Correct
You got it! The main components of file management are the storage of data, the file metadata, and the filesystem.

- [x] Metadata

Correct
You got it! The main components of file management are the storage of data, the file metadata, and the filesystem.

3. Which of these are true? Check all that apply. — 1 / 1 point

- [x] A program is an application that we can run. A process is a program that is executed.

Correct
Great job! A program is an application, and a process is an application that is executed. You can have many processes running for the same program.

- [ ] A program is initially stored in RAM. A process is initially stored in the hard drive.
- [x] You can have many processes running for one program.

Correct
Great job! A program is an application, and a process is an application that is executed. You can have many processes running for the same program.

- [ ] A program is a process that is executed. A process is a program that we can run.

4. What are the characteristics of virtual memory? Check all that apply. — 1 / 1 point

- [x] Stores pages that are currently not in use by physical memory.

Correct
Excellent job! Virtual memory allows us to extend the physical memory on our machine.

- [x] Combination of RAM and hard drive space.

Correct
Excellent job! Virtual memory allows us to extend the physical memory on our machine.

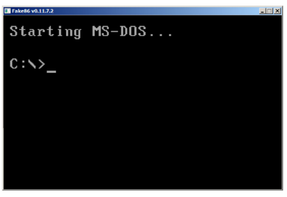
- [x] Allows our computer to have more memory than it physically has.

Correct
Excellent job! Virtual memory allows us to extend the physical memory on our machine.

- [ ] It is where we store pages that are being executed

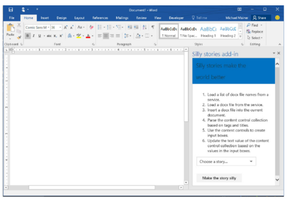
5. Which of these is a GUI? Check all that apply. — 1 / 1 point

- [ ] Option One



MS-DOS terminal

- [x] Option Two



Word application

Correct
Great job! These are all examples of a GUI.

- [x] Option Three

iOS desktop

Correct
Great job! These are all examples of a GUI.

- [ ] Option Four

BASH

6. Which of these are considered I/O devices? Check all that apply. — 1 / 1 point

- [x] Monitors

Correct
Excellent job! Any devices that receive input or send out output are considered I/O devices.

- [x] Speakers

Correct
Excellent job! Any devices that receive input or send out output are considered I/O devices.

- [x] Hard disk drives

Correct
Excellent job! Any devices that receive input or send out output are considered I/O devices.

- [x] Web cams

Correct
Excellent job! Any devices that receive input or send out output are considered I/O devices.

7. What is the last step in booting a computer? — 1 / 1 point

- ○ Perform a POST.
- ○ Execute the bootloader.
- ○ Load up drivers.
- ◉ User space is launched.

Correct
Well done, you! The last step in booting a computer is launching the user space, like a login window, GUI, and more.