

Get started with the course

The wonderful world of operating systems

The operating system at work

The user interface

Review: Introduction to operating systems

Video: Wrap-up

1 min

Reading: Glossary terms from week 1

10 min

Quiz: Weekly challenge 1

9 questions

▲ Try again once you are ready

Grade received 77.77%  
Latest Submission received 77.77%  
Quiz • 45 min

Submission received 77.77%  
To pass 80% or higher

Try again

Weekly challenge 1

Review Learning Objectives

1. Which of the following statements accurately describe operating systems? Select all that apply.

0.5 / 1 point

Try again

☒ Smart phones do not have operating systems.

☒ This should not be selected

Please review [the video on operating systems](#).

☒ Operating systems are the physical components of a computer.

☒ This should not be selected

Please review [the video on operating systems](#).

☒ Operating systems help people and computers communicate.

Like

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☒ Correct

☒ Operating systems enable computers to run multiple applications at once.

☒ Correct

2. Which of the following operating systems run on desktop and laptop computers? Select two answers.

0.5 / 1 point

Try again

☒ macOS\*

☒ Correct

☒ IOS

☒ This should not be selected

Please review [the video on operating systems](#).

☒ Windows

☒ Correct

☒ Android

☒ This should not be selected

Please review [the video on operating systems](#).

3. What components are involved in the booting process? Select two answers.

0.5 / 1 point

Try again

☒ A CLI

☒ This should not be selected

Please review [the video on how operating systems work](#).

☒ BIOS or UEFI

☒ Correct

☒ A GUI

☒ This should not be selected

Please review [the video on how operating systems work](#).

☒ The bootloader

☒ Correct

4. Fill in the blank: When someone uses a computer application, the \_\_\_\_\_ interprets the user's requests and directs them to the appropriate components of the computer's hardware.

1 / 1 point

Try again

☐ bootloader

☐ BIOS

☐ CPU

☒ operating system

☒ Correct

5. If you wanted to download a file from an internet browser, which of these things would happen? Select three answers.

0.75 / 1 point

Try again

☒ The operating system would communicate with hardware to download the file.

☒ Correct

☒ The application would communicate the request to the operating system.

☒ Correct

☒ The application would communicate directly with hardware to download the file.

☒ This should not be selected

Please review [the video on how operating systems work](#).

☒ You would initiate the task by clicking the download button in the application.

☒ Correct

6. Fill in the blank: The user communicates with the operating system via a(n) \_\_\_\_\_.

1 / 1 point

Try again

☐ user application

☒ user interface

☐ another operating system

☐ specialized type of hardware

☒ Correct

7. Which of the following statements correctly describe GUIs and CLIs? Select three answers.

0.75 / 1 point

Try again

☒ A CLI includes a start menu and taskbar.

☒ This should not be selected

Please review [the video on user interfaces](#).

☒ A CLI can complete multiple tasks efficiently.

☒ Correct

☒ CLI commands execute tasks, such as opening a program.

☒ Correct

☒ A GUI is a user interface that uses icons.

☒ Correct

8. A security team is alerted to a possible breach in their system. One analyst follows the instructions from their playbook, which include entering commands in the command line. Next, another analyst provides support by checking the commands to confirm that they were entered correctly. What does this scenario describe?

1 / 1 point

Try again

☐ Repeating a process using the start menu

☐ Reviewing a history file in a GUI

☒ Reviewing a history file in a CLI

☐ Tracing the usage of files and applications with icons

☒ Correct

9. Fill in the blank: On a computer, the \_\_\_\_\_ handles resource and memory management.

1 / 1 point

Try again

☐ hardware

☐ task manager

☐ browser

☒ operating system

☒ Correct