

✓ What is the purpose of the 'chmod' command in Unix-like operating systems? *1/1

- ☐ Changing file ownership
- ☐ Modifying file content
- ☒ Setting file permissions ✓
- ☐ Creating new directories

✓ What is the purpose of a device driver in an operating system? *1/1

- ☐ To manage user accounts
- ☒ To interface with hardware devices ✓
- ☐ To execute application programs
- ☐ To create and manage files

✓ What is the purpose of a system call in an operating system? *1/1

- ☐ To provide a user-friendly interface for applications
- ☐ To manage hardware resources
- ☒ To allow user programs to request services from the operating system ✓
- ☐ To monitor system performance

✓ Which command is used to search for text within files in Linux? *1/1

- ☒ grep ✓
- ☐ find
- ☐ search
- ☐ locate

✓ What does the "pwd" command in Linux stand for? *1/1

- ☒ Print Working Directory ✓
- ☐ Present Working Directory
- ☐ Path of Working Directory
- ☐ Previous Working Directory

✓ In the context of an operating system, what is a shell? *1/1

- ☐ A hardware component
- ☐ A type of CPU
- ☒ A command line interpreter ✓
- ☐ A type of file system

✓ You notice that your computer's performance slows down when you open multiple applications. Which operating system feature is responsible for managing this situation? *1/1

☒ Virtual Memory ✓

☐ Filesystem Hierarchy

☐ Device Drivers

☐ Kernel Panic Handling

✓ What command is used to create a new directory in Linux? * 1/1

☐ touch

☒ mkdir ✓

☐ mkfile

☐ newdir

✓ Which component of an operating system is responsible for managing and executing programs? *1/1

☒ Kernel ✓

☐ GUI

☐ Compiler

☐ File system

✓ What command can be used to view the last few lines of a log file in real-time as new entries are added? *1/1

☐ cat

☐ less

☒ tail ✓

☐ more

✓ Which command is used to change the ownership of a file or directory in Linux? *1/1

☐ own

☐ chowner

☒ chown ✓

☐ changeowner

✓ Which command is used to display the contents of a file in Linux? * 1/1

☒ cat ✓

☐ view

☐ read

☐ show

✓ CPU scheduling is the basis of _____ *

1/1

☒ multiprogramming operating systems ✓

☐ larger memory sized systems

☐ multiprocessor systems

☐ none of the mentioned

✓ Which command is used to copy files or directories in Linux? *

1/1

☐ mv

☒ cp ✓

☐ rm

☐ cut

✓ What command is used to delete files or directories in Linux? *

1/1

☐ del

☐ erase

☒ rm ✓

☐ delete

✗ Which command is used to list all currently running processes in Linux? * 0/1

☐ ps

☒ top ✗

☐ ls

☐ tasklist

Correct answer

☒ ps

✓ To list files and directories in the current directory, which command is used? *1/1

☒ ls ✓

☐ cd

☐ pwd

☐ dir

✓ To display the current date and time in Linux, which command is used? * 1/1

☒ date ✓

☐ time

☐ clock

☐ datetime