

# Lesson 1.4.2 - Process Management

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1. How does the SIGTERM signal contribute to process management, and when is it typically used?
2. Explain the purpose of the SIGKILL signal.
3. How is the SIGHUP signal used in process management?
4. What is the significance of the top command in Unix-like operating systems, and how does it differ from other process listing tools?

5. What does the nice command do, and what is the range of priority values?
6. Explain the purpose of the Sleeping process state and when it is encountered in a Unix-like operating system.
7. What is job control and the commands involved with job control?
8. What role do the Ctrl+Z, Ctrl+C, and Ctrl+D keyboard shortcuts play in the context of job control and process management?

9. How do the commands `pgrep`, `pkill`, and `pidof` assist in identifying and managing processes in Unix-like operating systems?