**grep Multiple Files**

You can also search multiple files at once. For example, if we wanted to search for the word "hello" in hello.txt and hello2.txt, we could run:

grep "hello" hello.txt hello2.txt

**Recursive Search**

You can also search an entire directory, including all subdirectories. For example, to search for the word "hello" in the current directory and all subdirectories:

grep -r "hello" .

*The . is a special alias for the current directory.*

**Assignment**

Use the grep command to find *all* the lines with the text "CRITICAL" (all caps) in the worldbanc/private/logs *directory*.

codemaster@Money:~/worldbanc/private/logs$ pwd

/home/codemaster/worldbanc/private/logs

codemaster@Money:~/worldbanc/private/logs$ ls

2024-01-10.log 2024-01-11.log 2024-01-12.log 2024-01-13.log 2024-01-14.log 2024-01-15.log 2024-01-16.log

codemaster@Money:~/worldbanc/private/logs$ grep "CRITICAL" 2024-01-10.log 2024-01-11.log 2024-01-12.log 2024-01-13.log 2024-01-14.log 2024-01-15.log 2024-01-16.log

2024-01-10.log:2024-01-10 01:10:27 CRITICAL: Boots is loose in the server room.

2024-01-10.log:2024-01-10 05:58:18 CRITICAL: Server is on fire, please evacuate.

2024-01-10.log:2024-01-10 20:13:04 CRITICAL: Someone rm -rf'd the root directory.

2024-01-10.log:2024-01-10 20:19:37 CRITICAL: Database files are corrupt.

2024-01-11.log:2024-01-11 00:03:24 CRITICAL: Someone rm -rf'd the root directory.

2024-01-11.log:2024-01-11 17:03:14 CRITICAL: Security scan is being maliciously manipulated.

2024-01-12.log:2024-01-12 00:04:07 CRITICAL: Boots is out of Salmon again.

2024-01-13.log:2024-01-13 00:03:08 CRITICAL: Power to the main datacenter has been lost. Attempting to reconnect.

2024-01-14.log:2024-01-14 00:02:58 CRITICAL: No one paid Dennis Nedry for his work. T-Rex released.

2024-01-15.log:2024-01-15 00:03:57 CRITICAL: Worldbanc monitoring systems offline.

2024-01-16.log:2024-01-16 00:05:21 CRITICAL: Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-block(0,0).

codemaster@Money:~/worldbanc/private/logs$