

Priceton Braswell Linux chapter 2

Quiz 1

Quiz: Access the Command Line

Access the Command Line

Choose the correct answer to the following questions:

1. Which term describes the interpreter that executes commands that are typed as strings?

- A ☐ Command
- B ☐ Console
- C ☒ Shell
- D ☐ Terminal

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2. Which term describes the visual cue that indicates that an interactive shell is waiting for the user to type a command?

- A ☐ Argument
- B ☐ Command
- C ☐ Option
- D ☒ Prompt

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3. Which term describes the name of a program to run?

- A ☐ Argument
- B ☒ Command
- C ☐ Option
- D ☐ Prompt

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4. Which term describes the part of the command line that adjusts the behavior of a command?

- A ☐ Argument
- B ☐ Command
- C ☒ Option
- D ☐ Prompt

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5. Which term describes the part of the command line that specifies the target that the command should operate on?

- A ☒ Argument
- B ☐ Command
- C ☐ Option
- D ☐ Prompt

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Quiz: Execute Commands with the Bash Shell

Execute Commands with the Bash Shell

Choose the correct answers to the following questions:

1. Which Bash command displays the last five lines of the `/var/log/messages` file?

- A ☐ `head -n 10 /var/log/messages`
- B ☐ `tail 10 /var/log/messages`
- C ☒ `tail -n 5 /var/log/messages`
- D ☐ `tail -l 10 /var/log/messages`
- E ☐ `less /var/log/messages`

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2. Which Bash shortcut or command separates commands on the same line?

- A ☐ Pressing **Tab**
- B ☐ `history`
- C ☒ `;`
- D ☐ `!string`
- E ☐ Pressing **Esc**.

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3. Which Bash command is used to change a user's password?

- A ☐ `password`
- B ☐ `pass`
- C ☒ `passwd`
- D ☐ `usermod`
- E ☐ `userpassword`

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4. Which Bash command is used to display the file type?

- A ☒ `file`
- B ☐ `less`
- C ☐ `cat`
- D ☐ `history`
- E ☐ `view`

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5. Which Bash shortcut or command is used for completing commands, file names, and options?

Assignment 1

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```
pricetonb@Ubuntu: ~/School_Work/practiceFolder
pricetonb@Ubuntu:~$ whoami
pricetonb
pricetonb@Ubuntu:~$ date
Thu Jan 30 06:05:23 PM UTC 2025
pricetonb@Ubuntu:~$ date +%R
18:05
pricetonb@Ubuntu:~$ ls
BashFiles Desktop Documents Downloads Music Pictures Public School_Work snap Templates Videos
pricetonb@Ubuntu:~$ cd School_Work/
pricetonb@Ubuntu:~/School_Work$ ls
Spring2025
pricetonb@Ubuntu:~/School_Work$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
pricetonb@Ubuntu:~/School_Work$ mkdir practiceFolder
pricetonb@Ubuntu:~/School_Work$ cd practiceFolder/
pricetonb@Ubuntu:~/School_Work/practiceFolder$ vim practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ file practice.txt
practice.txt: cannot open 'practice.txt' (No such file or directory)
pricetonb@Ubuntu:~/School_Work/practiceFolder$ ls
pricetonb@Ubuntu:~/School_Work/practiceFolder$ vim practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ ls
practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ file practice.txt
practice.txt: ASCII text
pricetonb@Ubuntu:~/School_Work/practiceFolder$ vim practice2.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ cat practice practice2
cat: practice: No such file or directory
cat: practice2: No such file or directory
pricetonb@Ubuntu:~/School_Work/practiceFolder$ ls
practice2.txt practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ cat practice.txt
save file
pricetonb@Ubuntu:~/School_Work/practiceFolder$ history
1 sudo apt list --upgradable
2 g++ -- version
3 g++ --version
4 ls
5 cd code/
6 mkdir C++
7 ls
8 cd C++/
9 vim helloWorld.cpp
10 ls
11 vim helloWorld.cpp
12 g++ -o hello helloWorld.cpp
13 vim helloWorld.cpp
14 g++ -o hello helloWorld.cpp
15 ls
16 ./hello
```

Assignment 2

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```
pricetonb@Ubuntu: ~/School_Work/practiceFolder
pricetonb@Ubuntu:~/School_Work/practiceFolder$ date
Thu Jan 30 06:15:39 PM UTC 2025
pricetonb@Ubuntu:~/School_Work/practiceFolder$ date +%R
18:16
pricetonb@Ubuntu:~/School_Work/practiceFolder$ ls
practice2.txt  practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ file practice
practice: cannot open 'practice' (No such file or directory)
pricetonb@Ubuntu:~/School_Work/practiceFolder$ file practice.txt
practice.txt: ASCII text
pricetonb@Ubuntu:~/School_Work/practiceFolder$ wc practice.txt
 1  2 11 practice.txt
pricetonb@Ubuntu:~/School_Work/practiceFolder$ head practice
head: cannot open 'practice' for reading: No such file or directory
pricetonb@Ubuntu:~/School_Work/practiceFolder$ head practice.txt
save file
pricetonb@Ubuntu:~/School_Work/practiceFolder$ tail practice.txt
save file
pricetonb@Ubuntu:~/School_Work/practiceFolder$ tail -n 20 practice.txt
save file
pricetonb@Ubuntu:~/School_Work/practiceFolder$
```