



## Command Line Basics

TOTAL POINTS 10

1. What kind of interface do you use to interact with Unix tools?

1 point

- ☐ A point-and-click interface.
- ☐ A virtual reality interface.
- ☒ A command line interface.
- ☐ A graphical interface.

2. If you type nothing at the prompt and you press Enter, what happens?

1 point

- ☒ No command is executed and you get a new prompt under the old prompt.
- ☐ The last command entered will be executed again.
- ☐ Your shell will restart.
- ☐ A new shell will appear.

3. What is printed if you enter the following into the console:

1 point

```
1 echo 'Hello World!'
```

- ☒ Hello World!
- ☐ 'Hello World!'
- ☐ echo 'Hello World!'
- ☐ -bash: echo: command not found

4. What directory does your shell start in?

1 point

- ☐ The root directory.
- ☐ The start directory.
- ☐ The working directory.
- ☒ The home directory.

5. The path that is printed as the result of the **pwd** command is...

1 point

- ☐ ... the path to the home directory.
- ☒ ... the path to the working directory.
- ☐ ... the path to the root directory.
- ☐ ... the path to the primary directory.

6. The **cd** command...

1 point

- ☐ ... sets a new home directory.
- ☒ ... changes the working directory.
- ☐ ... changes the current disk.
- ☐ ... lists the files in the current directory.

7. Which of the following commands can you use to create a new directory?

1 point

- ☐ touch
- ☒ mkdir
- ☐ clear
- ☐ ls

8. Which of the following commands can you use to create a new file?

1 point

- ☐ mkdir
- ☐ cd
- ☒ touch
- ☐ clear

9. What would be printed to the console as the result of the following commands?

1 point

```
1 echo 'Todo list:' > todo.txt
2 echo '- Email Jeff' >> todo.txt
3 cat todo.txt
4
```

☐ 1 'Todo list:'  
2 '- Email Jeff'

☒ 1 Todo list:  
2 - Email Jeff

☐ 1 2 5 24 todo.txt

☐ 1 -rw-r--r-- 1 user staff 24 Jun 30 13:36 todo.txt

10. What actions are performed by the following commands?

1 point

```
1 mkdir documents
2 mkdir notes
3 touch documents/todo.txt
4 echo 'My to do list:' > documents/todo.txt
5 touch bio-notes.txt
6 mv bio-notes.txt notes
7 cp -r notes documents
8 rm -rf notes
```

- ☐ 1. Create a directory called **documents**.  
2. Create a directory called **notes**.  
3. Create a file called **todo.txt** in **documents**.  
4. Add a line of text to **todo.txt**.  
5. Create **bio-notes.txt**.  
6. Rename **bio-notes.txt** to **notes**.  
7. Copy the **notes** file into **documents**.  
8. Destroy the **notes** file.
- ☒ 1. Create a directory called **documents**.  
2. Create a directory called **notes**.  
3. Create a file called **todo.txt** in **documents**.  
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5. Create **bio-notes.txt**.  
6. Move **bio-notes.txt** into **notes**.  
7. Copy the **notes** directory into **documents**.  
8. Destroy the **notes** directory.
- ☐ 1. Create a directory called **documents**.  
2. Create a directory called **notes**.  
3. Create a directory called **todo.txt** in **documents**.  
4. Create **todo.txt** with a line of text.  
5. Create **bio-notes.txt**.  
6. Move **bio-notes.txt** into **notes**.  
7. Copy the **notes** directory into **documents**.  
8. Destroy the **notes** directory.

1. Create a directory called **documents**.
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6. Rename **bio-notes.txt** to **notes**.
7. Copy the **notes** file into **documents**.
8. Destroy the **notes** file.

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