Name _____

Mohawk Valley Community College
CI 132 Lab 27

1. Describe the purpose of the shebang on the first line of a shell script

2. Explain the difference between the Bourne and bash shells

3. What permissions **must** a script file have?

4. List three distinct ways to run a script in the current directory

5. What command can be used to display text to the screen during the execution of a shell script?

6. Provide the expr command string to add **5** and **3**

7. Provide the expr command string to multiply **5** by **3**, saving the value to the variable `multi`

8. What is an exit status? Explain why it would be evaluated in a shell script.

9. In the Youtube video linked from the class website, the presenter changes permissions on his new script to 777. Why is this a terrible thing to do?

10. Write a basic shell script to sort the file `/opt/ci132/data/filter_examples/names` alphabetically inverted (from z to a) by first name. Be sure to include the shebang and file header displayed at the bottom of the Week 10, Part 1 page.