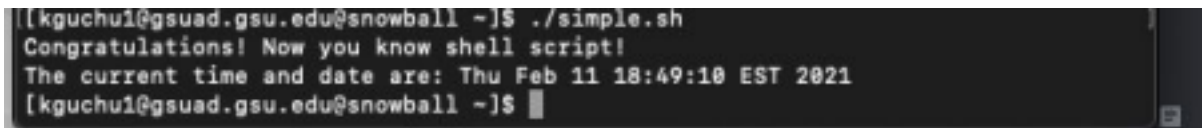# LAB 5

KIMANI GUCHU

1. Question 1) : What did you see in the output of step 3?
   -**bash: simple.sh: command not found**

2. Question 2) : What did you see in the output of step 4?
   -**bash: ./simple.sh: Permission denied**

3. Question 3): Attach a screenshot of the output in step 6.

```
[kguchu1@gsuad.gsu.edu@snowball ~]$ ./simple.sh
Congratulations! Now you know shell script!
The current time and date are: Thu Feb 11 18:49:10 EST 2021
[kguchu1@gsuad.gsu.edu@snowball ~]$
```

4. Question 4): Describe the meaning of **-n** option in **echo** command.

   It inhibits our echo command from always appending to a new line.

5. Question 5): Is "Simple Script" a comment? If not, what is the meaning of it or why we use it?

   Yes it is a comment any line that begins with # after our initial first line will be a comment.

6. Question 6): Is "#!/bin/bash" a comment? If not, what is the meaning of it or why we use it in first line?

   No, It is not a comment it is used to help the system determine which shell to use. In this example it is telling it to use a "bash"

shell to interpret the script.

7. Question 7) : How many directories you can find in the output? Note: the directories are separated by colon.

5 Directories

8. Question 8) : Can you find errors prompted in step 9 ? If not, please briefly describe why there is no need to put ./ before the file name.

No errors occurred, because we were able to add our directory to the $path variable thus eliminating the need for "./ " before execution of our file.

9. Question 9: Can you find the current working directory . in the PATH variable?

NO, After we closed our terminal our temporary file $PATH was deleted thus removing our directory and returning us to our original PATH contents.

10. Question 10) : Can you find errors prompted in step 11 ? If yes, please explain why?

-bash: simple.sh: command not found
The error occurs because we did not use "./" before execution. Our temporary directory was deleted thus we would first have to reinstate it in order to execute our file as "simple.sh" rather than "./simple.sh"