

Osayande Henry-Iyasere

Lab 5

Question1

It invoked an error

```
ohenryiyasere2@gsuad.gsu.edu@snowball:~  
login as: ohenryiyasere2  
ohenryiyasere2@snowball.cs.gsu.edu's password:  
Last login: Mon Mar 22 22:02:16 2021 from 75.102.141.204  
+  
|   GSU Computer Science  
|   Instructional Server  
|   SNOWBALL.cs.gsu.edu  
+  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ simple.sh  
-bash: simple.sh: command not found  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ vi simple.sh  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ simple.sh  
-bash: simple.sh: command not found
```

Question 2

```
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ ./simple.sh  
-bash: ./simple.sh: Permission denied
```

Permission was denied

Question 3

```
ohenryiyasere2@gsuad.gsu.edu@snowball:~  
login as: ohenryiyasere2  
ohenryiyasere2@snowball.cs.gsu.edu's password:  
Last login: Mon Mar 22 22:02:16 2021 from 75.102.141.204  
+  
|   GSU Computer Science  
|   Instructional Server  
|   SNOWBALL.cs.gsu.edu  
+  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ simple.sh  
-bash: simple.sh: command not found  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ vi simple.sh  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ simple.sh  
-bash: simple.sh: command not found  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ vi simple.sh  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ ./simple.sh  
-bash: ./simple.sh: Permission denied  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ chmod a+x simple.sh  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$ ./simple.sh  
Congratulations ! Now you know shell script !  
The current time and date are: Mon Apr  5 14:33:35 EDT 2021  
[ohenryiyasere2@gsuad.gsu.edu@snowball ~]$
```

Question 4

used to remove the '\n' (newline character) from the output. By default, **echo** includes '\n' at the end of every string it outputs.

Question 5

Yes simple script is a comment . # is used when starting a comment

Question 6

It tells the interpreter that the following lines are written for bash , so execute this file as bash script.

Question 7

```
[ohenryiasere2@gsuad.gsu.edu@snowball ~]$ echo $PATH
/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/ohenryiasere2/.local/bin:/home/ohenryiasere2/bin
[ohenryiasere2@gsuad.gsu.edu@snowball ~]$
```

Question 8

No errors

Question 9

No

Question 10

It is not there when you do simple.sh It does not execute since the PATH variable does not have this directory now so the terminal cannot find the command. To make it executable , we have to use './simple.sh' or it won't execute unless we again add this path to the PATH directory.