

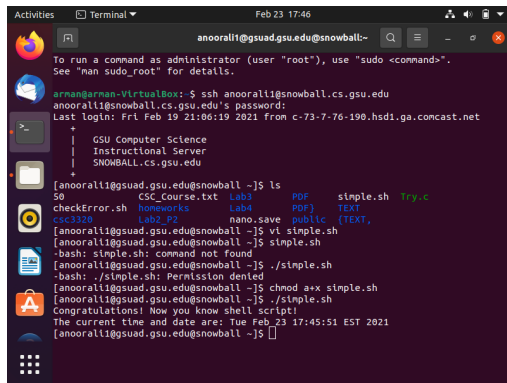
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Lab5

Questions:

Part 1

1. Command not found
2. Permission denied
- 3.



```
Arman@Arman-VirtualBox: ~$ ssh anoorali@snowball.cs.gsu.edu
anoorali@snowball.cs.gsu.edu's password:
Last login: Fri Feb 19 21:06:19 2021 from c-73-7-76-190.hsd1.ga.comcast.net
+
| GSU Computer Science
| Instructional Server
| SNOWBALL.cs.gsu.edu
+
[anoorali@gsuad.gsu.edu@snowball ~]$ ls
$0      CSC_Course.txt  Lab3     pdf      simple.sh  try.c
checkError.sh  homeworks     Lab4     pdf      TEXT
CSC3320     Lab2.P2      nano.save  public  (TEXT)
[anoorali@gsuad.gsu.edu@snowball ~]$ vi simple.sh
[anoorali@gsuad.gsu.edu@snowball ~]$ ./simple.sh
-bash: ./simple.sh: Permission denied
[anoorali@gsuad.gsu.edu@snowball ~]$ chmod a+x simple.sh
[anoorali@gsuad.gsu.edu@snowball ~]$ ./simple.sh
Congratulations! Now you know shell script!
The current time and date are: Tue Feb 23 17:45:51 EST 2021
[anoorali@gsuad.gsu.edu@snowball ~]$
```

4. -n in echo mode represents no new line after execution
5. Double quote or single quotes are not a comment but used for printing the content
6. #hashtag is used for comment line in bash. A script may specify #!/bin/bash on the first line, meaning that the script should always be run with bash

Part 2

7. 5 directories
8. No errors; No need to use ./ before the filename because we have added the current directory to the search path.
9. Export PATH=.:\$PATH; Sets the current directory to the search path
10. Yes there are errors because when we added the current working directory to the PATH variable in step 8, it was not added permanently. Once we close the terminal or logout, the changes made to the PATH variable are reset. Therefore, simple.sh could not be found.

