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Lab 5 In Lab Assignment

- 1) Nothing occurred. It says "simple.sh: command not found"
- 2) ./simple.sh results in "Permission denied"
- 3) See attached screenshot
- 4) -n modifier for echo causes the command to not output the newline character for the line in question. In this case, this causes the next printed item (date) to appear on the same output line as the echo.
- 5) Yes. The text "simple script" is a comment. Any line leading with a '#' symbol besides line 1 is interpreted as a comment.
- 6) No, this is not a comment. This tells the interpreter to use the bash shell located in /bin/bash. This only works if this is placed on line 1.
- 7) Echo \$PATH -> displays 6 items.  
/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/rtognoni1/.local/bin:/home/rtognoni1/bin
- 8) Command: PATH=.:\$PATH. We can now execute simple.sh without './' in front as we have added the current working directory to the PATH variable. This variable is what the system will search for when a command is given by the user. Since we added our path, it is now able to search that folder for simple.sh without any other path references.
- 9) No. The path added did not save permanently to PATH.
- 10) Trying to execute simple.sh will result in a 'command not found' error as we no longer have our home directory added to PATH. Adding paths the way we did expires at the end of the session.

Optional:

Lines 1, 3 and 17 produce errors with the default file. Line 17 has 3 listed errors when the file is attempted to be run.