



DEADLINE 9/12/2023

Section 1 submit through **Github** explain the outcome in readme file

Section 2 submit through **google Drive**

Section 1:

Write a Bash script that checks **IF** the **.bashrc** file exists in the user's home directory. **If it does**, append new environment variables to the file: one called **HELLO** with the value of **HOSTNAME**, and another local variable called **LOCAL** with the value of the **whoami** command. Additionally, the script should include a command to open another terminal at the end. Describe what happens when the terminal is opened.

Section 2:

1. List the user commands and redirect the output to /tmp/commands.list
2. Edit in your profile to display date at login and change your prompt permanently.
3. What is the command to count the word in a file or number of file in directory.
 - a. Count the number of user commands
4. What happens if you execute:
 - a. cat filename1 | cat filename2
 - b. ls | rm
 - c. ls /etc/passwd | wc -l
5. Write a command to search for all files on the system that, its name is ".profile".
6. List the inode numbers of /, /etc, /etc/hosts.
7. Create a symbolic link of /etc/passwd in /boot.
8. Create a hard link of /etc/passwd in /boot. Could you? Why?
9. Echo \ it will jump to the next line, and will print >

Notice the prompt ">" what is that? and how can you change it from ">" to ":".

NOTE: search the usage of PS1

