CSE 232
Systems Programming

2017 Spring

Assignment 5
Last Submission Time: 9.4.2017, 23:45

Purpose of This Assignment

The purpose of this Assignment is to have experience with **Linux commands**.

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1. Change to Desktop and create a directory called "abc"

2. Change to "abc" and create a directory called "myFolder", then change to "myFolder"

3. Display detailed information about full list of processes. Redirect the output of this step to myProcesses.txt

4. Get 1st line of myProcesses.txt using head command and redirect the output of this step to firstLine.txt

5. Sort the lines of myProcesses.txt by "USER" field and **append** the output of this step to firstLine.txt

6. Get the lines in firstLine.txt matching the word "root" using grep command. Redirect the output of this step to root.txt.

7. Remove write permission from root.txt. Then, repeat step 6. You should see the message "bash: root.txt: Permission denied".

8. Move root.txt to the parent directory using ".." notation. Change to parent directory with the command "cd ..". Then, with the ls command, verify that moving operation is successful.

SUBMISSION

Save your commands in a file named **"nameLastNameID.txt"** and submit it using COADSYS. (Save **only your commands**. If the contents of your txt file includes text apart from your commands, 20 points will be reduced.)