

UET Lahore
Department of
Computer Science
Operating Systems Lab
Lab # 2

Instructions:

1. Make a word document with the convention "SECTION_ROLLNO _LAB-NO". In addition, paste all of your work done at the LINUX prompt.
2. You have to submit a Word File.
3. Plagiarism is strictly prohibited; negative marks would be given to students who cheat.

Task 1

You are required to help a new Ubuntu user in performing Ubuntu commands. Mr. Tom is new Ubuntu user. He want guidance regarding basic Ubuntu utilities to perform following tasks:

1. Create a file named "19f-XXXX.txt". File must contain at least 10 lines.
2. Create another file named "your name.txt". File must contain at least 10 lines.
3. Merge the data of both files.
4. Redirect the output to a new file.
5. Display the first two lines of first file.
6. Display the last two lines of second file.
7. Finds the string (your roll#) from the first file.
8. Grant the execute permission of the second file to the group.
9. Remove the write permission for the owner.
10. Now Mr. Tom suddenly lost the track of his current location. Help him find his location.
11. He wants the list of all files present on Desktop directory.
12. Now he wanted to create a folder of his personal files and pictures named as your roll#.
13. Display the current time.
14. He is done with the task and he is happy with your work. He want to display a thankyou message.

Task 2

1. Create a file named "19f-XXXX_OS-lab_rules.txt" using linux commands. The file must contain all lab rules covered in first lab.

2. You want to set the rights of created file to this (- rwx r-x r--). For these rights, you are required to convert the given rights in numeric format using binary number system procedure covered in lecture. Show complete working.
3. Now use the derived number to change the permission of a file using chmod command.
4. Append the output of ls command to created file.