**ASSIGNMENT-01\_OS\_LAB**

**TOPIC: BASIC LINUX COMMANDS**

Note:Write precise answers of following questions

1. Write a command to see the currently logged in user.
2. Write a command to see manual page for ls command.
3. Write a command to see current working directory.
4. Write a command to change your password.
5. What is difference between who and whoami command.
6. What does following command do?
   1. ls -hl
   2. ls -Sl
   3. ls -tl
   4. ls -ul
   5. ls -cl
7. How to change time-stamps of a file without opening it.
8. Create a file named “testfile.dat” using touch command.
9. Write few lines in testfile.dat by opening it using gedit command.
10. Count number of words in testfile.dat using a command.
11. Show the contents of testfile.dat on terminal using a command.
12. Describe the use of less, more, head and tail command.
13. Create the aliases for ls, cd and clear command.
14. Create a folder named mydir using a command.
15. Remove this folder using a command.
16. Create a folder named mydir1 using a command.
17. Copy testfile.dat to mydir1 using a command.
18. Remove the folder named mydir1 using a command.
19. Create a folder named mydir2
20. Create 3 files named file1, file2, file3 and write few lines in each file.
21. Write a single command to copy file1, file2, file3 to mydir2
22. Move file1 back to home directory.
23. Why we use sudo command?
24. Write a command to restart your machine.
25. Delete file1.dat using a command

**(Take a break, take2-3 deep breathes and close your eyes for a minute)**

1. What is the use of grep command?
2. Create a file named file3.dat and write 10 lines in it.
3. Print all lines from file3.dat containing the letters ‘cs’.
4. Count number of characters in file3.dat
5. Run the command chmod u-r file3.dat. Now try to open file3.dat using gedit file3.dat. What happened? And why?
6. Run the command chmodu+r file3.dat. Now try to open file3.dat using gedit file3.dat. What happened? And why?
7. Print the calendar of march 2016.
8. Print the date
9. Change the date using command.
10. Briefly describe the history of UNIX and Linux.
11. Name 5 Linux distributions.
12. What is meant by the parts of this prompt: ali@example: ~$
13. Write a command to switch to root user.
14. How to come back to normal user?
15. Change to c-shell, k-shell and write few commands. Is there any difference
16. What is the difference between internal and external command?
17. What is purpose of hier command?
18. Describe the use of whereis command.
19. Describe the use of which command.
20. Write man alias command. What is the output? And why?
21. What is difference in commands:man passwd and man 5 passwd.
22. Run ls -l and briefly describe the 8-column output.
23. Write cat command and type something, how to come back to prompt?
24. Write a command to reboot the system.
25. Write a command to shutdown your system in 2 minutes.