

Birla Institute of Technology & Science, Pilani, K. K. BIRLA Goa campus
Operating Systems
First Semester 2013-2014
Tutorial 1 Worksheet

- 1) Type following commands in current directory and write down your observation:
 id -u // displays user id
 id -g // displays group id
- 2) When we log in to a Unix/Linux system we enter our login name and password. Password is stored in system's "passwd" file. Try finding where this "passwd" file is stored. What are the contents of this file? Locate the line where your userid is stored and understand the contents of that line.
- 3) Let the current working directory be Current_Directory.
 - a) Make a new directory UNIX under directory LIN1 using absolute path.
 - b) Go to UNIX directory.
 - c) Display the contents of FILEA.TXT on the screen.
 - d) Combine the contents of the file FILEA.TXT and FILEB.TXT into another file COM.TXT and store it under UNIX directory.
 - e) Display the contents of the file COM.TXT on the screen.
- 4) Using appropriate command split the file FILEA.TXT into 2 files named ff00 and ff01 and store it into Current_Directory. ff00 should contain first 3 lines and ff01 the remaining lines.
- 5) You are present in the Current_Directory
 - a) Check the default mode of each file in the directory in one shot.
 - b) Change the mode of FILEA.TXT so that user, group and others can write into the file.
- 6) Display first 15 columns of all the lines in the FILEA.TXT on the screen.
- 7) Create an alias 'ls' for command 'cd'. What happens under the following situation?
 - a) cd
 - b) cd ..
 - c) cd /Current_Directory/CS/DOS1/
 - d) ls ..
 - e) ls
- 8) Use appropriate command to display the calendar for the month of September 1752.
- 9) Append the following line in the FILEA.TXT
 This is our First Tutorial
Check FILEA.TXT for spell check using aspell command
 - a) Observe and make changes.

b) The backup of the original file is available in FILEA.TXT.bak. What command should be used for not having a backup file?

10) List all the open files in Current_Directory directory tree using appropriate command and its option.