**Birla Institute of Technology & Science, Pilani, K. K. BIRLA Goa campus**

**Operating Systems**

**First Semester 2013-2014**

**Tutorial 1 Reading Assignment**

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Following Unix commands which we will be using in tomorrow’s tutorial session. You are required to obtain the manuals for all the commands and learn to use these commands. First 4 commands and vi editor was taught during CP course. Revise all the tasks given during CP course.

1. Print Working Directory : pwd command
2. List the contents of current directory : ls command
3. Creating a Directory : mkdir command
4. Changing to a different Directory: cd command
5. List open files : lsof command
6. Create an alias : alias command
7. Display a calendar : cal command
8. Spell checker : aspell command
9. Concatenate and print the contents of the file : cat command
10. Change group ownership: chgrp command
11. Change access permission: chmod command
12. Change file owner and group :chgrp command
13. Compare two files: cmp command
14. Divide a file into several parts: cut command
15. Divide a file into context determined pieces: csplit
16. Command history: history command
17. **You are expected to complete the following before coming to tutorials.**

Current directory

EEE

IS

CS

Mech

EandI

WIN1

DOS1

LIN1

FILEB.TXT

FILEA.TXT

ADDRESS.TXT

CS, IS, EEE, EandI, Mech, DOS1, WIN1 and LIN1 are directories. ADDRESS.TXT is a hidden text file and FILEA.TXT and FILEB.TXT are text files.

**Contents of ADDRESS.TXT is:**

Your name,

BITS Pilani, K K Birla Goa Campus,

Zuarinagar,

Goa,

India.

**Contents of FILEA.TXT is :**

2011A3PS001G; AMITA NAIK; EEE

2012A7PS010G;ROHAN GUPTA;COMPUTER SCIENCE

2012B1PS624G;LAKSMI; BILOGICAL SCIENCES

2012B1PS623G;NAGESH; BILOGICAL SCIENCES

2011A1PS001G; AMRITA NAIR; CHEMICAL

**Contents of FILEB.TXT is :**

In order to shore up the sliding rupee, the government on Monday unveiled a multi-pronged strategy to increase inflow of dollars and check outflows. The measures include, a planned increase in the import duty on several red-hot imports like gold and silver, allow three public sector financial institutions to raise dollar funds through bonds, make NRI deposits more attractive and ease foreign loan norms. Taken together, these measures are expected to bridge the forex gap by $18 billion.

1. **From the current directory display contents of WIN1 directory using relative path.**
2. **Display path of the current working directory.**
3. **Try the following commands at current directory and observe the output obtained.**

* **ls ./.**
* **ls -lS**
* **ls -R**
* **ls –lh**
* **ls -t**
* **ls -a**
* **ls –lt**
* **ls ~**
* **ls -al**
* **ls –r**