**National University of Computer & Emerging Sciences Department of Computer Science**

**CL 205 Operating Systems Lab**

**Lab # 2**

# Terminal Commands

**Instructions:**

1. Make a word document with the convention “SECTION\_ROLLNO \_LAB-NO”. and paste all of your work done at the LINUX prompt.
2. You have to submit a Word File including the command name, description of the command and the screen shot of your output when you are done with your work.
3. Plagiarism is strictly prohibited, negative marks would be given to students who cheat.

**Objectives:**

* Linux Commands
* Practice Problems

**Tasks:**

**Problem 1: Enter the following commands on LINUX prompt, and try to interpret the output. Give description of each command in at least one line.**

* echo hello world
* passwd
* date
* hostname  arch
* uname -a
* uptime
* whoami
* who
* id
* last  w
* top (you may need to press q to quit)
* echo $SHELL
* man ls (you may need to press q to quit)
* man who (you may need to press q to quit)
* clear
* cal 2000
* cal 9 1759  echo 5+4 | bc -l
* yes please (you may need to press Ctrl-c to quit)
* time sleep 5
* history
* sudo apt-get install nasm

**Problem 2: Try the following Command sequence and describe them in a single line.**

* cd
* pwd
* ls -al
* cd .
* pwd (where did that get you?)
* cd ..
* pwd
* ls -al  cd ..
* pwd
* ls -al  cd ..
* pwd (what happens now)
* cd /etc
* ls -al | more
* cat passwd
* cd -
* pwd

**You are done with your exercise, Submit on at given time.** 