**CHAPTER 1: BASIC COMMANDS**

**Assignment 1.1**

Write a linux command to perform the following task.

1. Display today's date.

*date "+%D [ %d %B %Y ]"*

1. Display calendar of July 2017.

cal -d 2017-07

1. Display the calendar for the months June and August 2015.

cal -d 2015-07 -A 1

1. Display the calendar for July 2018 with the starting day of the week as Monday.

ncal -M 07 2018

1. Display the current date and month

date "+%d %B"

1. To repeat your last command

!!

1. To repeat the last command that begins with the letter “c”.

!c

1. Write a command to repeat your 3rd last command.

!-3

1. Using command bc calculate the value of the following expressions

a. (1456+234)/45

echo "(1456+234)/45" | bc

b. Assign value 10 to var X, then increment by 1. Display value after increment

x=10

x=$(echo "$x+1" | bc)

echo $x

1. Command to save the calendar for the year 2018 in file cal.txt.

cal -y 2018 > cal.txt

1. Save your last 5 commands in a file command.txt.

history | tail -5 > command.txt

1. Create a file MyCommand.txt containing the last 8 executed commands on your terminal.

history | tail -8 > MyCommand.txt

1. Create a file named input.txt with the following content using echo command.

Welcome to linux Course

linux is an operating system

Linux is a flavor of linux and is freely available

echo "Welcome to linux Course

linux is an operating system

Linux is a flavor of linux and is freely available" > input.txt

1. Save the second last command in a file cmd.txt. Erase all the content of cmd.txt before saving the command

echo "" > cmd.txt && echo !-2 > cmd.txt

1. Save today's date in file cmd.txt without erasing the content of cmd.txt

date "+%D [ %d %B %Y ]" >> cmd.txt

1. Save the list of user names in a file usr.txt

cat /etc/passwd | cut -d ":" -f 1 > usr.txt

1. Create an account “user1” with root privileges and user2, user3 with normal privileges.

sudo usermod -mG sudo user1

sudo usermod -m user2

sudo usermod -m user3