**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
   1. (1456+234)/45

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

* 1. 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**