1. **Write command to show today’s date and time in the below given format**

i. DD/MM/YYYY EG: 30/01/2013

**Ans. date +"%b %d %Y"**

I i. DAY, MONTH DATE EG: Wednesday, January 30

**Ans. date +"%A,%B %d"**

iii. DAY DD/MM/YY EG: Wednesday 01/30/13

**Ans. date +"%A %D"**

I v. HH:MM:SS EG: 10:30:20

**Ans. date +"%T"**

v. HH:MM AM/PM EG: 10:30 AM

**Ans. date +"%I:%M %p"**

1. **Display the calendar of current month cal**
2. **Get the calendar for the month March in the year 2022 cal -m march 2022**
3. **Create three directories letters, reports and assignments under your home directory.** 
   1. Move to the directory **letters**.
   2. Create two directories **friendly** and **formal** under the directory l**etters**.
   3. Move to directory **reports**. Using single command.
   4. Create a directory **UNIX** under **assignments** without moving from **reports**.
   5. Move to **UNIX** and check your current directory.
   6. Create a file **hw4** with a brief report on **man, who, whoami, date.**
   7. Print the content of **Hw4** from your home directory.
   8. Make a copy of **hw4** and store it under the same directory where **hw4** is stored.
   9. Use **ls** command to list the hierarchy in various formats.

Remove **Hw4**.

* 1. Remove all created folder recursively from your home directory.

1. **Using cat command write a single command to copy file1 to file2**

**Ans. cat <file1> > <file2>**

1. **Using head command copy lines 1 to 20 of file1 to file2**.
2. Count lines, words, and characters in a file with the **wc** command.

**Ans. wc <file\_name>**

1. **Translate each word in the input file to separate lines in the output file.**
2. **Write *grep* commands to do the following activities: Create a file fileg1.txt** 
   1. To select the lines from a file that has exactly two characters.
   2. To select the lines from a file that start with the upper case letter.
   3. To select the lines in a file that has one or more blank spaces.
   4. To select lines from a file that has at least three characters.
   5. To select lines from a file that has at least two digits without any other characters in between.
3. **Shell script to compare two strings entered from the keyboard**
4. **Shell script which would display the summation of the digits of the given number**
5. **Shell script to reverse a given number**
6. **Shell script to simulate a simple calculator using integer arithmetic operations**