

# Os

## Practical :- 1

command 1 :

# AIM : Write the command to display the help file for echo command.

-> man echo

command 2 :

# AIM : Display the calendar of current year.

-> cal 2023

command 3 :

# AIM : Display the February month of year 2020.

-> cal -m feb 2020

command 4 :

# AIM : Display only the day and month of current date.

-> date +"day:%A, month:%B"

command 5 :

# AIM : Write the command to activate scientific math functions in the command line calculator.

-> bc -l

command 6 :

# AIM : Write the command to get the output of the expression  $((62.864 + 99.16) * 55.9)$ .

-> echo \$(((62.864 + 99.16) \* 55.9)) | bc -l

command 7 :

# AIM : Write the command to find the square root of any positive number.

-> echo "sqrt(number)" | bc -l

## Os

command 8 :

# AIM : Write the command to convert decimal number into its equivalent hexadecimal number.

```
-> echo "obase=16; ibase=10; number" | bc -l
```

command 9 :

# AIM : Write the command to convert binary number into its equivalent decimal number.

```
-> echo "obase=10; ibase=2; number" | bc -l
```

command 10 :

# AIM : Write the command to find the total no of digits of a number entered.

```
-> variable='numbers'
    echo "${#variable}"
```

command 11 :

# AIM : Write the command to find cosine 30, 45, 90 in radians.

```
-> echo "c(30)" | bc -l,
    echo "c(45)" | bc -l,
    echo "c(90)" | bc -l
```

→ ***fraction part ave m hoy ans ma to | bc -l baki | bc***