DAY04

Linux command

cal :   Displays the current month's calendar.

{ ~ } » cal

   March 2025

Su Mo Tu We Th Fr Sa

           1

 2 3 4 5 6 7 8

 9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

date :   Displays the current date and time in the default format.

  { ~ } » date

Mon, Mar 24, 2025 11:53:11 PM

date +%d : Displays the day of the month

{ ~ } » date +%d

24

date +%D :   Displays the date in MM/DD/YY format.

{ ~ } » date +%D

03/24/25

date +%y :   Displays the last two digits of the year

{ ~ } » date +%y

date +%Y : Displays the last two digits of the year

{ ~ } » date +%Y

2025

date +%a :   Displays the short name of the weekday

{ ~ } » date +%a

Mon

date +%A :   Displays the full name of the weekday

{ ~ } » date +%A

Monday

date +%b : Displays the short name of the month

{ ~ } » date +%b

Mar

date +%B : Displays the full name of the month.

{ ~ } » date +%B

March

date +%m : Displays the month number

{ ~ } » date +%m

03

date +%M : Displays the minutes

{ ~ } » date +%M

55

date +%h : Displays the short name of the month

{ ~ } » date +%h

Mar

date +%H : Displays the hour in 24-hour format

{ ~ } » date +%H

23

date +%S : Displays the seconds

{ ~ } » date +%S

52

date +%T : Displays the time in HH:MM:SS format.

{ ~ } » date +%T

23.57.03

Simple Batch script program

1. **vi program.sh**

2.**Code**

```
echo "Who are you"
read name
echo "Enter num1"
read x
echo "Enter num2"
read y
sum=$(($x + $y))
sub=$(($x - $y))
mul=$(($x * $y))
div=$(($x / $y))
```

echo "Hi" $name

echo "summation:" $sum

echo "subraction:" $sub

echo "Multiplication:" $mul

echo "Division:" $div

3) **./program.sh** ->

used to execute the script

4)**output** ->

{ ~ } » ./program.sh

Who are you

nuzha

Enter num1

6

Enter num2

2

Hi nuzha

summation: 8

subraction: 4

Multiplication: 12

Division: 3

Explanation=>

 echo : used to print

 read :using for user input

 $variable :$ symbol is used to reference the value of a variable.

 $(()) tells Bash to evaluate the mathematical expression inside it.

step by procedure=>

1st create vi program.sh to create a file

then code

after ls to check this file is available

then chmd 777 program.sh to allowed a file permission

then ./program.sh : to execute a program

this program .sh extention use its mean Shell Script