

Ex. no: 2a)

Date: 31.1.25

Shell Script

Aim:

To write a Shellscrip to to display basic calculator.

Program:

```
read a
read b
c = `emp $a + $b`
d = `emp $a - $b`
e = `emp $a * $b`
f = `emp $a / $b`
g = `emp $a % $b`
echo "sum = $c"
echo " Difference = $d"
echo " product = $e"
echo " Division = $f"
echo " Remainder after division = $g"
```

Sample Input and Output

Run the program using the below command

```
[REC@local host~]$ sh arith.sh
```

Enter two no

5

10

add 15

sub -5

mul 50

div 0

mod 5c"

OUTPUT

15

3

sum = 18

difference = 12

product = 45

division = 5

remainder = 0

Result:

A program is executed in shell script to display a calculation.



Ex. no: 2b)

Date: 31.1.25

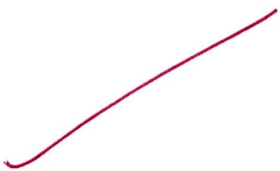
Shell Script

Aim:

To write a Shellscrip to test given year is leap or not using conditional statement

Program:

```
echo "Enter a year"
read a
m=`expr $a % 4`
if [ $m -eq 0 ]
then
    echo "Leap Year"
else
    echo "Not a leap year"
```



Sample Input and Output

Run the program using the below command

```
[REC @ local host~]$ sh leap.sh
```

```
enter number
```

```
12
```

```
leap year
```

OUTPUT :

Enter a year

2024

Leap year

Result:

A program is executed in shell script to display leap year.


OK