

Ex. no: 2a)

Date: 31/1/23

Shell Script

Aim:

To write a Shellscript to to display basic calculator.

Program:

```
read a
read b
c = $(($a + $b))
d = $(($a - $b))
e = $(($a * $b))
f = $(($a / $b))
g = $(($a % $b))
echo "add" $c
echo "sub" $d
echo "mul" $e
echo "div" $f
echo "mod" $g
```

2

3

add 5

sub - 1

mul 6

div 0

mod 2



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"

Result:

Thus the program has been executed successfully



Ex. no: 2b)

Date: 31/1/25

Shell Script

Aim:

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

Program:

```
read year
a=$((year % 4))
if [ $a -eq 0 ]
then
echo "leap year"
else
echo "not a leap year"
fi
```

13

not a leap year



Sample Input and Output
Run the program using the below command

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

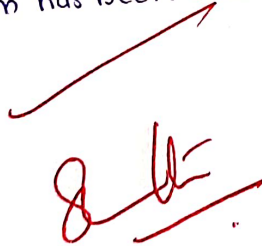
enter number

12

leap year

Result:

Thus the program has been executed successfully

A red handwritten signature is written below the text. A red arrow points from the signature up towards the word 'successfully' in the line above.