

Ex. no: 2a)

Date: 31/01/25

Shell Script

Aim:

To write a Shellscript to to display basic calculator.

Program:

```
nano script.sh
echo "enter 2 numbers"
read x
read y
echo "1. Addition"
echo "2. Subtraction"
echo "3. multiplication"
echo "4. division"
echo "enter choice"
read ch
if [ $ch -eq 1 ]
then
    echo "Sum : $((x+y))"
elif [ $ch -eq 2 ]
then
    echo "difference : $((x-y))"
elif [ $ch -eq 3 ]
then
    echo "product : $((x*y))"
```

```
diff [ $ch - eq 4]
```

```
then
```

```
echo " Division : $ ((x/y))"
```

```
fi
```

Output:

S: Script.sh

enter 2 numbers

25

24

1. addition

2. Subtraction

3. multiplication

4. division

enter choiu

1

Sum: 49

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"

Sample Input

Enter first number = 10

Enter Second number = 5

Sample Output

Sum = 15

Difference = 5

Product = 50

Division = 2

Remainder = 6

Result:

The above program is executed successfully.

A red checkmark is drawn over the word "program" in the sentence above. Below the checkmark is a red signature that appears to read "J. K."