

Ex. no: 2a)
Date: 30.01.2025

SHELL SCRIPT

Aim:

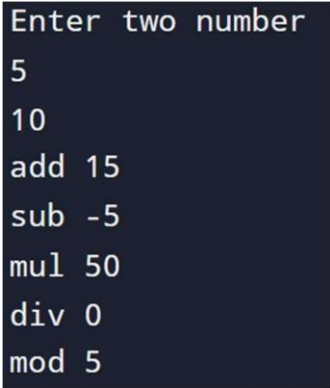
To write a Shell script to display basic calculator.

Program:

```
echo "Enter two number"
read a
read b

echo "add $((a + b))"
echo "sub $((a - b))"
echo "mul $((a * b))"
echo "div $((a / b))"
echo "mod $((a % b))"0;
}
```

Output:

A terminal window with a dark background and light-colored text. The prompt 'Enter two number' is shown at the top. Below it, the user enters '5' and '10' on separate lines. The script then displays the results of five operations: 'add 15', 'sub -5', 'mul 50', 'div 0', and 'mod 5', each on a new line.

```
Enter two number
5
10
add 15
sub -5
mul 50
div 0
mod 5
```

Result:

Hence, the basic calculator program was executed successfully.

Ex. no: 2b)
Date: 30.01.2025

SHELL SCRIPT

Aim:

To write a Shell script to test given year is leap or not using conditional statement.

Program:

```
echo enter year
read y
if [ $((y%4)) -eq 0 -a $((y%100)) -ne 0 -o $((y%400)) -eq 0 ]
then echo leap year
else echo not leap year
fi
```

Output:

```
$ sh leap.sh
enter year
2012
leap year
```

Result:

Hence, the Shell Script to check leap year was executed successfully.