

**Ex. no: 2a)**  
**Date: 30.01.2025**

### **SHELL SCRIPT**

#### **Aim:**

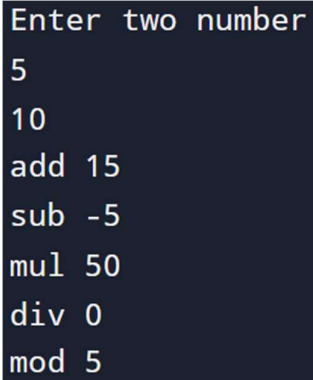
To write a Shell script to display basic calculator.

#### **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:**



```
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.