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.