

**Name:** Devanshu Surana

**Roll No.:** 12

**Panel:** C, **Batch:** C1

**OS Lab 8 Code:**

Title: Shell Programming

```
echo "Enter two numbers."
read a ; read b
echo "Please enter your choice"
echo "1.Addition"
echo "2.Subtraction"
echo "3.Multiplication"
echo "4.Division"
read r
case "$r" in
1) echo "The sum of is: `echo $a+$b|bc`";;
2) echo "The difference is: `echo $a-$b|bc`";;
3) echo "The product is: `echo $a*$b|bc`";;
4)   echo "The quotient is: `echo
$a/$b|bc`";; *) echo "Invalid option !!";;
esac
```

## OUTPUT:

```
computer@c0l0116:~$ sh shellscript.sh
Enter two numbers.
6
9
Please enter your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
1
The sum of is: 15
computer@c0l0116:~$ sh shellscript.sh
Enter two numbers.
4
2
Please enter your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
2
The difference is: 2
computer@c0l0116:~$ sh shellscript.sh
Enter two numbers.
4
3
Please enter your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
3
The product is: 12
computer@c0l0116:~$ sh shellscript.sh
Enter two numbers.
6
3
Please enter your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
4
The quotient is: 2
computer@c0l0116:~$ sh shellscript.sh
Enter two numbers.
8
9
Please enter your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
5
Invalid option !!
computer@c0l0116:~$
```