

Lab 8

To perform arithmetic operations on a given two numbers

Shell Script:

```
echo "Enter the two numbers to the perform the Arithmetic Operaion:"
```

```
read num1
```

```
read num2
```

```
echo "
```

```
Enter your choice
```

```
1. Addition
```

```
2.Subtraction
```

```
3.Multiplication
```

```
4.Division
```

```
5.Modulo "
```

```
read operator
```

```
case $operator in
```

```
1)
```

```
    result=`expr $num1 + $num2`
```

```
    echo "The addition of $num1 and $num2 is $result"
```

```
;;
```

```
2)
```

```
    result=`expr $num1 - $num2`
```

```
    echo "The subtraction of $num1 and $num2 is $result"
```

```
;;
```

```
3)
```

```
    result=`expr $num1 \* $num2`
```

```
    echo "The Multiplication of $num1 and $num2 is $result"
```

```
;;
```

```
4)
```

```
    result=`expr $num1 / $num2`
```

```
    echo "The Division of $num1 and $num2 is $result"
```

```
;;
```

```
5)
```

```
    result=`expr $num1 % $num2`
```

```
    echo "The Modulo of $num1 and $num2 is $result"
```

```
;;
```

```
*)
```

```
    echo "Incorrect Choice"
```

```
    exit
```

```
esac
```

Output:

```
gross salary : RS. 1500.00
shalini@shalini-HP-Compaq-dc7800p-Small-Form-Factor:~$ sh arith.sh
Enter the two numbers to the perform the Arithmetic Operaion:
5
6

Enter your choice

1. Addition
2.Subtraction
3.Multiplication
4.Division
5.Modulo
1
The addition of 5 and 6 is 11
shalini@shalini-HP-Compaq-dc7800p-Small-Form-Factor:~$ sh arith.sh
Enter the two numbers to the perform the Arithmetic Operaion:
5
8

Enter your choice

1. Addition
2.Subtraction
3.Multiplication
4.Division
5.Modulo
5
The Modulo of 5 and 8 is 5
```