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BSCS-5

Lab #09

### Task 1

Write shell script that reads 2 integer values from user and print their sum on screen.

#### Code:

```
GNU nano 6.2 script1
read a
read b
result=`expr $a + $b`
echo "The Sum is: $result"
```

#### Output:

```
student@student-virtual-machine:~$ pico script1
student@student-virtual-machine:~$ chmod u+x script1
student@student-virtual-machine:~$ ./script1
7
9
The Sum is: 16
```

### Task 2

Write shell script that defines 2 integers and one float value like

a=5

b=7

c=5.5

Perform multiplication of integers then divide with float.

and finally print result with four decimal places like 6.3636

You have to use pipe operator ( | ) to send variables to **bc** utility for arithmetic.

### Code:

```
GNU nano 6.2 script2
a=5
b=7
c=5.5
mul=$((a * b))
echo "scale=4; $mul/$c" | bc
```

### Output:

```
student@student-virtual-machine:~$ pico script2
student@student-virtual-machine:~$ chmod u+x script2
student@student-virtual-machine:~$ ./script2
6.3636
```

The end...