

# Operating System – CS23431

<b>Ex 2a)</b>	<b>SHELL SCRIPT</b>
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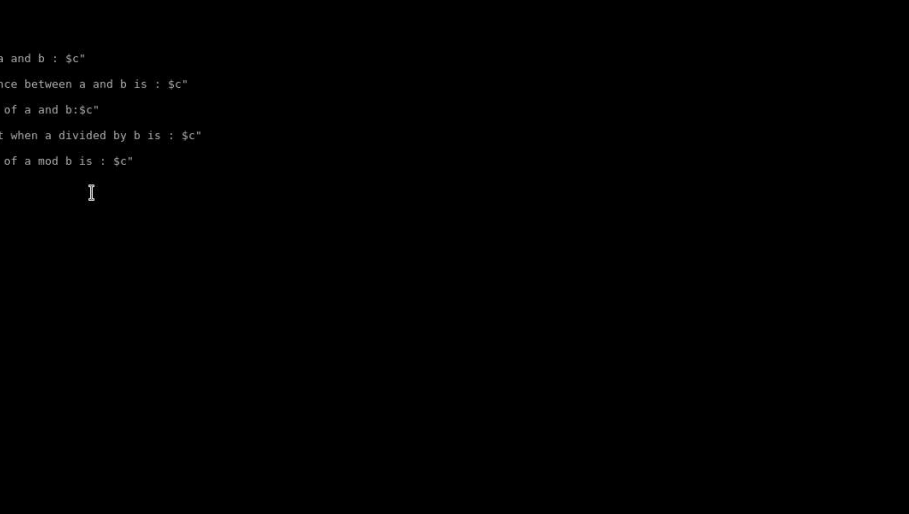
**Aim:**

To write a Shellscrip to to display basic calculator.

**Program:**

```
echo "Enter a:"  
read a  
echo "Enter b:"  
read b  
c=`expr $a + $b`  
echo "The sum of a and b is $c"  
c=`expr $a - $b`  
echo "The difference between a and b is $c"  
c=`expr $a \* $b`  
echo "The Product of a and b is $c"  
c=`expr $a % $b`  
echo "The result of a and b is $c"
```

### Console:



```
root: vi — Konsole
File Edit View Bookmarks Settings Help

@cho " Enter a:"
read a
echo "Enter b:"
read b
c=`expr $a + $b`
echo "The Sum of a and b : $c"
c=`expr $a - $b`
echo "The difference between a and b is : $c"
c=`expr $a \* $b`
echo "The product of a and b:$c"
c=`expr $a / $b`
echo "The quotient when a divided by b is : $c"
c=`expr $a % $b`
echo " The result of a mod b is : $c"

"calculator.sh" 14L, 330C

root: vi
```

### Output :

```
[root@localhost ~]# vi calculator.sh
[root@localhost ~]# sh calculator.sh
Enter a:
20
Enter b:
5
The Sum of a and b : 25
The difference between a and b is : 15
The product of a and b:100
The quotient when a divided by b is : 4
The result of a mod b is : 0
[root@localhost ~]#
```