Exp:2a   Shell Script

Aim:

To write a Shellscript to to display basic calculator.

CODE:

```
#this code contain basic arithmetic operations like add, sub, mul, div, mod

while [ 1 ]
do
echo " Enter the operator(+,-,/,*,%,0(for end the iteration)): "
read op
 if [ "$op" == "0" ]; then
  break
else
 echo "  Enter value 1: "
 read x
 echo " Enter value 2: "
 read y
  if [ "$op" == "+" ]; then
  #  result=$(( x + y ))
   echo $(( x + y ))
  elif [ "$op" == "-" ]; then
    echo "sub: $(( x - y))"
  elif [ "$op" == "/" ]; then
    echo "div: $(( x / y ))"
  elif [ "$op" == "*" ]; then
    echo "mul: $(( x * y ))"
  elif [ "$op" == "%" ]; then
   echo "modulo: $(( x % y ))"
  else
   echo enter valid operator
  fi
fi
#((i--))
#i=$(( i - 1))
done
~
```

OUTPUT:

```
[cse36@localhost ~]$ sh simple_calculator.sh
 Enter the operator(+,-,/,*,%,0(for end the iteration)):
+
  Enter value 1:
6
 Enter value 2:
4
10
 Enter the operator(+,-,/,*,%,0(for end the iteration)):
-
  Enter value 1:
6
 Enter value 2:
5
sub: 1
 Enter the operator(+,-,/,*,%,0(for end the iteration)):
*
  Enter value 1:
2
 Enter value 2:
4
mul: 8
 Enter the operator(+,-,/,*,%,0(for end the iteration)):
0
[cse36@localhost ~]$
```