**def** calculate(): **Assignment #1 Calculator Name: Lubna Riaz Batch# G2**

num1**=**int(input("enter your first number"))

num2**=**int(input("enter your second number"))

op**=**input('enter operation')

**if** op**==**'+':

add**=**num1**+**num2

print(add)

**elif** op**==**'-':

sub**=**num1**-**num2

print(sub)

**elif** op**==**'\*':

mult**=**num1**\***num2

print(mult)

**elif** op**==**'/':

div**=**num1**/**num2

print(div)

**else**:

print('INVALID OPERATION')

**while** **True**:

calculate()

**def** calculator(num1,num2):

add**=**num1**+**num2

print('addition:',num1**+**num2,add)

sub**=**num1**-**num2

print('subtraction',num1**-**num2,sub)

mult**=**num1**\***num2

print('multiplication',num1**\***num2,mult)

div**=**num1**/**num2

print('division',num1**/**num2,div)

calculator(5,6)

**Run Output:**

enter your first number5

enter your second number4

enter operation+

9

enter your first number5

enter your second number4

enter operation\_

INVALID OPERATION

enter your first number20

enter your second number10

enter operation-

10

enter your first number5

enter your second number6

enter operation\*

30

enter your first number6

enter your second number6

enter operation/

1.0

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