#question1

# def is\_palindrome(s):

#     s=s.lower()

#     reversed=s[::-1]

#     return s== reversed

# stri=input("enter a word: ")

# for item in stri:

#     if item is not is\_palindrome:

#         print("yes its palindrome")

#     else:

#         print("no ,its not palindrome")

# #question2

def calculator():

    num1=float(input("enter first number"))

    num2=float(input('enter second number'))

    print('enter from these options when asked for operation add for addition,substract for substraction, multiply for multiplication and divide for division')

    operation=input('enter operation to be performed')

    if operation=='add':

        print(num1+num2)

    elif operation=='substract':

        print(num1-num2)

    elif operation=='multiply':

        print(num1\*num2)

    elif operation=='divide':

        print(num1/num2)

    else:

        print('invalid choice')

calculator()

#question3

def counter():

        s=input("enter a word : ")

        for item in s:

            print(item,end=" ")

            print('-->',end=' ')

            print(s.count(item))

counter()

#question 4

def right\_angle\_triangle():

    n=int((input('enter number of rows')))

    i=1

    for i in range(i,n+1,1):

        print('\*'\*i)

right\_angle\_triangle()

#question 5

def multiplication\_table():

    n=int(input('enter a number for its table'))

    for i in range(11):

        print(n,end='')

        print('\*',end='')

        print(i,end='')

        print('=',end='')

        print(n\*i)

multiplication\_table()