

```
def add(x,y):
    return x+y
def subtract(x,y):
    return x-y
def multiply(x,y):
    return x*y
def divide(x,y):
    if y==0:
        return "Error!division by zero"
    return x/y
def calculator():
    print("select operation")
    print("1.Add")
    print("2.subtract")
    print("3.Multiply")
    print("4.divide")
    choice = int(input("enter your choice(1-4):"))
    num1=float(input("enter first number:"))
    num2=float(input("enter second number:"))
    if choice==1:
        print(num1,"+",num2,"=",add(num1,num2))
    elif choice==2:
        print(num1,"-",num2,"=",subtract(num1,num2))
    elif choice==3:
        print(num1,"*",num2,"=",multiply(num1,num2))
    elif choice==4:
        print(num1,"/",num2,"=",divide(num1,num2))
    else:
        print("invalid choice")
calculator()
```