def add(x,y):

return x+y

def sub(x,y):

return x-y

def mul(x,y):

return x\*y

def div(x,y):

return x/y

def mod(x,y):

return x%y

num1=int(input("Enter the 1st number:"))

num2=int(input("Enter the 2nd number:"))

print("MENU/n 1.Addition\n 2.Subtraction\n 3.Multiplication\n 4.Division\n 5.Modulus\n")

choice=int(input("Enter your choice:"))

while(1):

if(choice==1):

print ("The sum is",add(num1,num2))

elif choice==2:

print("The subtraction result is:",sub(num1,num2))

elif choice==3:

print("The multiplication result is:",mul(num1,num2))

elif choice==4:

print("The quotient is:",div(num1,num2))

elif choice==5:

print("The reminder is:",mod(num1,num2))

else:

exit()