def add(a,b):

return (a+b)

def subtract(a,b):

return (a-b)

def multiply(a,b):

return (a\*b)

def divide(a,b):

return (a/b)

while True:

print("\n-:MENU:-\n1. Addition\n2. Subtraction\n3. Multiplication\n4. Division\n")

try:

ch = int(input("Enter Your Choice: "))

if ch is 1:

a = int(input("Enter First Number: "))

b = int(input("Enter Second Number: "))

addition = add(a,b)

print(addition)

elif ch is 2:

a = int(input("Enter First Number: "))

b = int(input("Enter Second Number: "))

subtraction = subtract(a,b)

print(subtraction)

elif ch is 3:

a = int(input("Enter First Number: "))

b = int(input("Enter Second Number: "))

multiplication = multiply(a,b)

print(multiplication)

elif ch is 4:

a = int(input("Enter First Number: "))

b = int(input("Enter Second Number: "))

try:

division = divide(a,b)

print(division)

except ZeroDivisionError:

print("Division by Zero is not Possible")

else:

print("Invalid Choice")

except ValueError:

print("Please Provide Integers for Operations")

while True:

wtc = input("Want to Continue?(Y/N) ")

if wtc in ['y','Y']:

flag = True

break

elif wtc in ['n','N']:

flag = False

break

else:

print("Please Enter Y/N")

continue

if flag:

continue

else:

break