***LAB no 2***

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***Caculator using Python***

**Code:**

def menu():

print("1)add")

print("2)sub")

print("3)multi")

print("4)divide")

print("5)modolus")

def add(x,y):

return x+y

def sub(x,y):

return x-y

def multi(x,y):

return x\*y

def divide(x,y):

return x/y

def modolus(x,y):

return x%y

def compare(z, result):

if z > result:

print("The entered number is greater than the result.")

elif z < result:

print("The entered number is less than the result.")

def calculator():

x = int(input("enter num 1 :"))

y = int(input("enter num 2 :"))

result = 10

menu()

choice = int(input("enter choice"))

match choice:

case 1:

print("result",add(x,y))

result = add(x,y)

case 2:

print("result",sub(x,y))

case 3:

print("result",multi(x,y))

result = multi(x,y)

case 4:

print("result",divide(x,y))

result = divide(x,y)

case 5:

print("result",modolus(x,y))

result = modolus(x,y)

case \_:

print("invalid")

user\_input = input("Do you want to continue? (yes/Yes): ")

if user\_input.lower() == "yes":

z = int(input("Enter number to check: "))

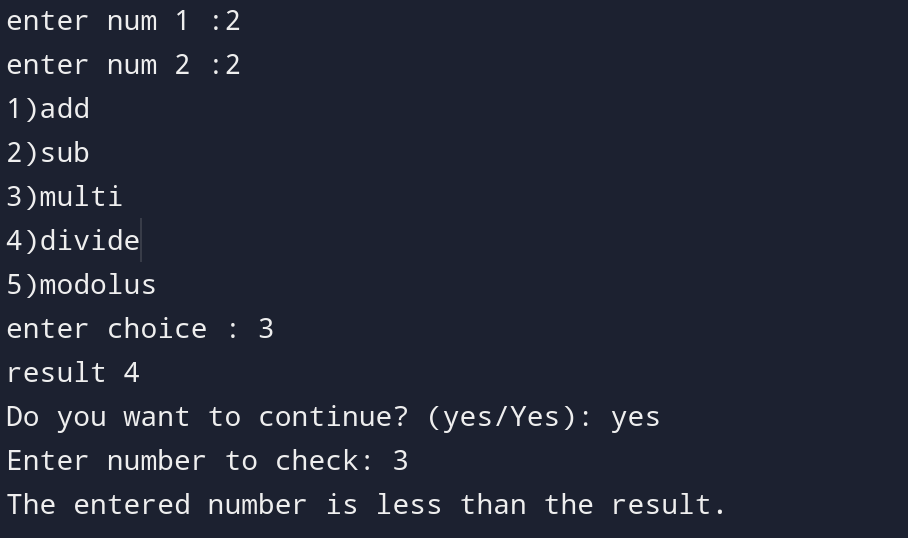
compare(z, result)

else:

print("Bye")

calculator()

**Output:**

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