import math

def math\_helper():

print('welcome to the simple math helper.')

choice = input('what would uou like to calculate?\n1. Sqrt\n2. Log\n3.Factorial\n')

if choice == '1':

num = input('Enter The number to sqrt:\n')

sqrt = math.sqrt(int(num))

print(int(sqrt))

elif choice == '2':

num = input('Enter The number to Log:\n')

log = math.log(int(num))

print(log)

elif choice == '3':

fact = 1

num = input('Enter The number to Factorial:\n')

for i in range(1,int(num)+1):

fact = fact\*i

print(fact)

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