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 x / y

else:

return "Error: Cannot divide by zero."

def calculator():

print("Simple Calculator")

print("Operations:")

print("1. Addition (+)")

print("2. Subtraction (-)")

print("3. Multiplication (\*)")

print("4. Division (/)")

try:

num1 = float(input("Enter the first number: "))

num2 = float(input("Enter the second number: "))

operation = input("Choose an operation (1-4): ")

if operation == "1":

result = add(num1, num2)

elif operation == "2":

result = subtract(num1, num2)

elif operation == "3":

result = multiply(num1, num2)

elif operation == "4":

result = divide(num1, num2)

else:

print("Invalid operation. Please choose a number between 1 and 4.")

return

print(f"Result: {result}")

except ValueError:

print("Invalid input. Please enter valid numbers.")

if \_\_name\_\_ == "\_\_main\_\_":

calculator()