# Define a function to perform addition

def add(x, y):

return x + y

# Define a function to perform subtraction

def subtract(x, y):

return x - y

# Define a function to perform multiplication

def multiply(x, y):

return x \* y

# Define a function to perform division

def divide(x, y):

if y == 0:

return "Cannot divide by zero"

return x / y

# Main calculator loop

while True:

print("Options:")

print("Enter 'add' for addition")

print("Enter 'subtract' for subtraction")

print("Enter 'multiply' for multiplication")

print("Enter 'divide' for division")

print("Enter 'quit' to end the program")

user\_input = input(": ")

if user\_input == "quit":

break

if user\_input in ("add", "subtract", "multiply", "divide"):

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

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

if user\_input == "add":

print("Result: " + str(add(num1, num2))

elif user\_input == "subtract":

print("Result: " + str(subtract(num1, num2))

elif user\_input == "multiply":

print("Result: " + str(multiply(num1, num2))

elif user\_input == "divide":

print("Result: " + str(divide(num1, num2))

else:

print("Invalid input")