# 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")