# Function to add two numbers

def add(a, b):

return a + b

# Function to subtract two numbers

def subtract(a, b):

return a - b

# Function to multiply two numbers

def multiply(a, b):

return a \* b

# Function to divide two numbers

def divide(a, b):

if b == 0:

return "Cannot divide by zero"

return a / b

# 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

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

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

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

if user\_input == "add":

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

elif user\_input == "subtract":

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

elif user\_input == "multiply":

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

elif user\_input == "divide":

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

else:

print("Invalid input. Please try again.")