def calculator():

print("Welcome to the Simple Calculator!")

print("Select operation:\n1. Add\n2. Subtract\n3. Multiply\n4. Divide")

while True:

choice = input("Enter choice (1/2/3/4): ")

if choice in ['1', '2', '3', '4']:

try:

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

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

except ValueError:

print("Invalid input! Please enter numeric values.")

continue

operations = {

'1': num1 + num2,

'2': num1 - num2,

'3': num1 \* num2,

'4': num1 / num2 if num2 != 0 else "Error! Division by zero."

}

print(f"Result: {operations[choice]}")

else:

print("Invalid choice! Please select a valid operation.")

if input("Do you want to perform another calculation? (yes/no): ").lower() != 'yes':

break

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

calculator()