# list\_operations.py

# Step 1: Create an empty list

My\_list = []

# Step 2: Append elements 10, 20, 30, 40

My\_list.append(10)

My\_list.append(20)

My\_list.append(30)

My\_list.append(40)

# Step 3: Insert 15 at the second position (index 1)

My\_list.insert(1, 15)

# Step 4: Extend the list with [50, 60, 70]

My\_list.extend([50, 60, 70])

# Step 5: Remove the last element

My\_list.pop()

# Step 6: Sort the list in ascending order

My\_list.sort()

# Step 7: Find and print the index of value 30

Index\_30 = my\_list.index(30)

Print(“Index of 30:”, index\_30)

# Final list display

Print(“Final list:”, my\_list)