**Python Week 2 Assignment**

# 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 with another list [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 30

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

# Final outputs

print("Final List:", my\_list)

print("Index of 30:", index\_30)