Create an empty list

my\_list = []

Append elements

my\_list.append(10)

my\_list.append(20)

my\_list.append(30)

my\_list.append(40)

Insert 15 at the second position (index 1)

my\_list.insert(1, 15)

Extend with another list

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

Remove the last element

my\_list.pop()

Sort in ascending order

my\_list.sort()

Find and print index of value 30

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

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

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