# Create an empty list called my\_list

my\_list = []

# Append elements to my\_list: 10, 20, 30, 40

my\_list.append(10)

my\_list.append(20)

my\_list.append(30)

my\_list.append(40)

# Insert the value 15 at the second position in the list

my\_list.insert(1, 15)

# Extend my\_list with another list: [50, 60, 70]

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

# Remove the last element from my\_list

my\_list.pop()

# Sort my\_list in ascending order

my\_list.sort()

# Find and print the index of the value 30 in my\_list

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

print("Index of value 30 in my\_list:", index\_30)

# Print my\_list

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

Index of value 30 in my\_list: 3

Final my\_list: [10, 15, 20, 30, 40, 50, 60]