**Create a list?**

**Created a list :-**

my\_list = [10, 20, 30, 40, 50 ,60]  
print(" List:", my\_list)

**Acess the first and last items in the list**

print("First item:", my\_list[0])  
print("Last item:", my\_list[-1])

**Output:-**

**First item: 10**

**Last item: 60**

**Change the list items:-**

my\_list[1] = 25  
print("After changing second item:", my\_list)

**Output:-**

**After changing second item: [10, 25, 30, 40, 50, 60]**

**Repalce values in the list:-**

my\_list[2:4] = [35, 45]  
print("After replacing items:", my\_list)

**Output:-**

**After replacing items: [10, 25, 35, 45, 50, 60]**

**Perform append operation:-**

my\_list.append(60)  
print("After appending 60:", my\_list)

**Output:-**

**After appending 60: [10, 25, 35, 45, 50, 60, 60]**

**Insert new items in the list:-**

my\_list.insert(2, 15)  
print("After inserting 15 at index 2:", my\_list)

**Output:-**

**After inserting 15 at index 2: [10, 25, 15, 35, 45, 50, 60, 60]**

**Extend the items to a list:-**

extra\_items = [70, 80, 90]  
my\_list.extend(extra\_items)  
print("After extending the list:", my\_list)

**Output:-**

**After extending the list: [10, 25, 15, 35, 45, 50, 60, 60, 70, 80, 90]**

**Remove items from the list:-**

my\_list.remove(35)  
print("After removing 35:", my\_list)

**Output:-**

**After removing 35: [10, 25, 15, 45, 50, 60, 60, 70, 80, 90]**

**Clear the list:-**

my\_list.clear()   
print("After clearing the list:", my\_list)