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**COLLECTION FRAMEWORKS**

1. **LIST(I)**
2. **SET(I)**
3. **QUEUE(I)**

**LIST  
1.array list(class)**

**In array list**

**Different data types can be used**

**Duplicates can be allowed**

**Output is in insertion order**

**Methods:**

**Add()**

**Remove()**

**Clear()**

**Is empty()**

1. **Linked list(class)**

**Different data types**

**Duplicates can be allowed**

**Output is in insertion order**

**Methods:**

**Add()**

**Remove()**

**Addfirst()**

**Clear()**

**3.VECTOR-legacive api(class)**

**Later vector is implemented by stack**

**STACK**

**Follows LIFO**

**Allows different datatype**

**Output is in insertion order**

**Methods:**

**Push()**

**Pop()**

**Peek()**

**Search()**

**Remove()**

**Clear()**

**SET(I)**

1. **HashSet(class)**

**Stores randomly**

**Gives output as randomly**

**Stores different datatype**

**Metods:**

**Add**

**Remove**

**Clear**

1. **LinkedHash Set**

**Stores in insertion order**

**Different data type**

**Methods:**

**Add**

**Remove**

**Clear**

1. **TreeSet**

**Stores same datatype**

**Output is in sorting order**

**Methods:**

**Add**

**Remove**

**Clear**

**QUEUE(I)**

1. **Priority QUeue(CLASS)**

**Follow FIFO order**

**Insertion order**