* **List APIs**

1. **index(member)**

**Returns the index of the argument**

**e.g.:**

**If spam = ['cat', 'dog', 'rat'] spam.index ('dog')**

**returns 1**

1. **count(member)**

**returns the number of occurrences of the member**

**e.g.:**

**If spam = ['cat', 'dog', 'rat', 'cat']**

**Then spam.count ('cat') returns**

**2**

1. **append(member)**

**Add member at the end of the list**

**e.g.:**

**If spam = ['cat', 'dog', 'rat']**

**spam.append ('mongoose')**

**spam = ['cat', 'dog', 'rat','mongoose']**

1. **insert(index, member)**

**Add member at index position**

**e.g.:**

**If spam = ['cat','dog','rat']**

**Then spam.insert (1,'chicken')**

**['cat', 'chicken', 'dog', 'rat']**

1. **extend(seq)**

**Appends seq at the end of the list**

**e.g.: if spam = ['cat','dog','rat'] and seq = 'hello','hi'] then spam.extend (seq)**

**['cat’,’dog’,’rat’, ‘hello’,’hi’]**

1. **remove(member)**

**Remove the member from the list**

**e.g.:**

**If spam = ['cat','dog','rat']**

**Then spam.remove ('dog')**

**['cat', 'rat']**

1. **pop (index)**

**Removes and returns the member at index**

**e.g.:**

**If spam = ['cat','dog','rat']**

**spam.pop () --> abc**

**spam.pop (2) --> zara**

1. **clear()**

**Empty the list**

**e.g.:**

**If spam = ['1', '2','3'], spam.clear ()**

**spam = []**

1. **reverse()**

**Reverses the list**

**e.g.:**

**If spam = ['cat','dog','rat'] then spam.reverse ()**

**[‘cat’,’dog’,’rat’]**

1. **sort()**

**Sort the list**

**e.g.:**

**If spam = ['3', '1', '2'] then spam.sort()**

**[‘1’,’2’,’3’]**