# List Methods Program

# List – append() method

This methods used to add the element to the last of the list.

```
trees = ['Neem', 'Amla', 'Peepal']
trees

['Neem', 'Amla', 'Peepal']

trees.append("Banyan")
trees

['Neem', 'Amla', 'Peepal', 'Banyan']
```

append() methods used to add two list, but it will add the second list like an second dimension.

```
trees = ['Neem', 'Amla', 'Peepal']
fruits = ['apple', 'banana', 'cherry']
trees.append(fruits)
trees

['Neem', 'Amla', 'Peepal', ['apple', 'banana', 'cherry']]
```

# List – clear() methods

Used to remove all the elements from the list

```
trees = ['Neem', 'Amla', 'Peepal']
trees.clear()
trees

[]
```

# List – copy() Method

Used to make copy the all elements from the list to another variable.

```
trees = ['Neem', 'Amla', 'Peepal']
a = trees.copy()
a
```

```
['Neem', 'Amla', 'Peepal']
```

# List - count() Method

Return the number of times element stored in the list

```
trees = ['Neem', 'Amla','Neem', 'Peepal']
aa = trees.count('Neem')
aa

2
```

# List - extend() Method

This methods used to add the elements in one list to the another.

```
trees = ['Neem', 'Amla', 'Peepal']
fruits = ['apple', 'banana', 'cherry']
trees.extend(fruits)
trees

['Neem', 'Amla', 'Peepal', 'apple', 'banana', 'cherry']
```

# List - index() Method

This methods used to know the index value with the help of the elements.

```
trees = ['Amla','Neem', 'Peepal']
aa = trees.index('Neem')
aa

1
```

# List - insert() Method

This method is used to insert the element at the specified position.

```
trees = ['Amla','Neem', 'Peepal']
trees.insert(2, 'Banyan')
trees

['Amla', 'Neem', 'Banyan', 'Peepal']
```

# List – pop() Method

pop() method used to delete the last element from the list. And also use index value to delete the specifed element.

```
trees = ['Amla', 'Neem', 'Peepal']
trees.pop()
trees

['Amla', 'Neem']

trees = ['Amla', 'Neem', 'Peepal']
trees.pop(1)
trees

['Amla', 'Peepal']
```

# List – remove() Method

remove() method used to remove the specified element from the list.

```
trees = ['Amla', 'Neem', 'Peepal']
trees.remove('Amla')
trees

['Neem', 'Peepal']
```

# List – reverse() Method

This method is uedt to reverse the all elements from the list.

```
trees = ['Amla', 'Neem', 'Peepal']
trees.reverse()
trees

['Peepal', 'Neem', 'Amla']
```

# List – sort() Method

This method is used to sort the element from the list in ascending or decending order.

```
trees = ['Peepal', 'Banyan', 'Neem', 'Amla']
trees.sort()
trees
```

```
['Amla', 'Banyan', 'Neem', 'Peepal']

trees = ['Peepal', 'Banyan', 'Neem', 'Amla']
trees.sort(reverse=True)
trees

['Peepal', 'Neem', 'Banyan', 'Amla']
```