List Methods in python

List. Sort ()

This method sorts the list in ascending order. The original list is updated.

Example:

```
l=[12,33,44,56,6]
print(l)
#sort method in python
l.sort()
#sort in ascending order
print(l)
```

reverse ()

This method reverses the order of the list.

Example:

```
l2=[1,2,3,4,5,6]
print(l2)
l2.reverse()
print(l2)
```

index ()

This method returns the index of the first occurrence of the list item.

Example:

```
l3=["hello","Munawar","Hussain","kamal"]
print(l3)
print(l3.index("Munawar"))
```

count ()

The method returns the count of the number of items with the given value.

Example:

```
l3=["hello","Munawar","Hussain","kamal","Munawar","Munawar"]
print(l3)
print(l3.count("Munawar"))
```

copy ()

The method returns copy of the list. This can be perform operations on the list without modifying the original list.

Example:

```
cp=l2.copy()
cp[0]=0
print(cp)
```

append ()

The method appends items to the end of the existing list.

Example:

```
l=[12,33,44,56,6]
print(l)
l.append(4)
print(l)
```

insert ()

This method inserts an item at the given index. User has to specify index and the item to be inserted within the insert () method.

Example:

```
l4=["Munawar",1,"Hussain",1122]
print(l4)
l4.insert(1,148)
print(l4)
l4.insert(1,"Johar")
print(l4)
```

extend ()

This method adds an entire list or any other collection data type (list, tuple, dictionary,) to the existing list.

Example:

```
l5=[1,2,3,4,5]
print(l5)
l6=[6,7,8,9,10]
l5.extend(l6)
print(l5)
```

Concatenating two list

You can simply concatenate two lists to join two list.

Example:

```
a=["Munawar","Raziq","Sharif"]
print(a)
b=[148,1,3]
```

```
print(b)
new=a+b
print(new)
```

Source Code

```
l=[12,33,44,56,6]
print(l)
l.append(4)
print(l)

#sort method in python
l.sort()
#sort in ascending order
print(l)

l2=[1,2,3,4,5,6]
print(l2)
l2.reverse()
print(l2)

l3=["hello","Munawar","Hussain","kamal","Munawar","Munawar"]
print(l3)
print(l3.count("Munawar"))


cp=l2.copy()
cp[0]=0
print(cp)

l4=["Munawar",1,"Hussain",1122]
print(l4)
l4.insert(1,148)
print(l4)
l4.insert(1,"Johar")
print(l4)

l5=[1,2,3,4,5]
print(l5)
l6=[6,7,8,9,10]
l5.extend(l6)
print(l5)

a=["Munawar","Raziq","Sharif"]
```

```
print(a)
b=[148,1,3]
print(b)
new=a+b
print(new)
```

Thank You