

List Methods



List Indexing

0	1	2	3	4
'a'	'b'	'c'	'd'	'e'
-5	-4	-3	-2	-1

```
lis = [1,2,3,4]
print(len(lis)) #4
```

len(): returns the length of list

```
lis = [1,2,3,4]
print(lis.append(5))
# [1,2,3,4,5]
```

append(): adds item at end of the list

```
lis = ['a','b','c']
print(lis.insert(1,'d'))
# ['a','d','b','c']
```

insert(): inserts an item at the specified index

```
lis1 = ['a','b','c']
lis2 = [1,2,3]
print(lis1.extend(lis2))
# ['a','b','c',1,2,3]
```

extend(): adds elements of another list.

```
lis1 = ['a','b','c']
lis1.remove('a')
print(lis1) # ['b','c']
```

remove(): removes the specified item from list.

```
lis1 = ['a','b','c']
lis1.pop(1)
print(lis1) # ['a','c']
```

pop(): removes the item from specified index.

```
lis1 = ['a','b','c']
del lis1
```

del(): deletes entire list, returns nothing

```
lis1 = ['a','b','c']
print(lis1.clear()) #[]
```

clear(): deletes all elements & returns empty list.

```
lis1 = ['a','b','c']
lis2 = lis1.copy()
print(lis2) # ['a','b','c']
```

copy(): makes a copy of a existing list

```
thislist = [100, 50, 65, 82, 23]
thislist.sort()
print(thislist)
#[23, 50, 65, 82, 100]
```

sort(): sorts list in ascending order

```
thislist = [100, 50, 65, 82, 23]
thislist.sort(reverse=True)
print(thislist)
#[100, 82, 65, 50, 23]
```

sort(reverse=True): sorts list in descending order

```
thislist = [1,2,3,4]
thislist.reverse()
print(thislist) # [4,3,2,1]
```

reverse(): reverses the current sorting order of the elements

HD Version : <https://github.com/dominantcoding>