List Methods ———

List Indexing

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

```python
lis = [1,2,3,4]
print(len(lis) #4
```
len(): returns the length of list

```python
lis = [1,2,3,4]
print(lis.append(5))
# [1,2,3,4,5]
```
append(): adds item at end of the list

```python
lis = ['a','b','c']
print(lis.insert[1,'d'])
# ['a','d','b','c']
```
insert(): inserts an item at the specified index

```python
lis1 = ['a','b','c']
lis2 = [1,2,3]
print(lis1.extend(lis2))
# ['a','b','c,1,2,3]
```
extend(): adds elements of another list.

```python
lis1 = ['a','b','c']
lis1.remove('a')
print(lis1) # ['b','c']
```
remove(): removes the specified item from list.

```python
lis1 = ['a','b','c']
lis1.pop(1)
print(lis1) # ['a','c']
```
pop(): removes the item from specified index.

```python
lis1 = ['a','b','c']
del lis1
```
del(): deletes entire list, returns nothing

```python
lis1 = ['a','b','c']
print(lis1.clear()) #[]
```
clear(): deletes all elements & returns empty list.

```python
lis1 = ['a','b','c']
lis2 = lis1.copy
print(lis2) # ['a','b','c']
```
copy(): makes a copy of a existing list

```python
thislist = [100, 50, 65, 82, 23]
thislist.sort()
print(thislist)
#[23,50,65,82,100]
```
sort(): sorts list in ascending order

```python
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

```python
thislist = [1,2,3,4]
thislist.reverse()
print(thislist) #[4,3,2,1]
```
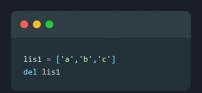**reverse()**: reverses the current sorting order of the elements

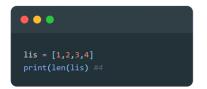HD Version : https://github.com/dominantcoding

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#[100,82,65,50,23]
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