List Methods.

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1. list.append(x), Add an item to the end of the list(this operation takes constant time).

```
>>> a = [1, 2, 3]
>>> a
[1, 2, 3]
>>> a.append(5)
>>> a
[1, 2, 3, 5]
```

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2. list.pop([i]), Remove the item at the given position and return it. list.pop() removes and returns the last item in the list.

```
>>> a
[1, 2, 3, 5]
>>> a.pop(0)
1
>>> a
[2, 3, 5]
>>> a.pop()
5
>>> a
[2, 3]
```

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3. list.clear(), Remove all items from list. Equivalent to list[:] = [].

```
>>> a
[2, 3]
>>> a.clear()
>>> a
[]
```

---

4. list.count(x), Return the number of times x appears in the list.

```
>>> digits = [1, 2, 1, 3, 1, 0, 1, 3]
>>> digits.count(1)
4
>>> digits.count(10)
0
```

---

5. list.index(x), Return the index of the first item whose value is equal to x. Raises a ValueError if there is no such item.

```
>>> digits
[1, 2, 1, 3, 1, 0, 1, 3]
```

```
>>> digits.index(3)
3
>>> digits.index(10)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ValueError: 10 is not in list
```

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6. list.reverse(), Reverses the elements of the list in place.

```
>>> ls = ['a', 'b', 3]
>>> ls.reverse()
>>> ls
[3, 'b', 'a']
```

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7. list.sort(key=None, reverse=False), Sort the items of the list in place. key argument is used for custom sorting(see examples/customsort.py).

```
>>> a = [34, 2, 17, 4, 1]
>>> a.sort()
>>> a
[1, 2, 4, 17 ,34]
```

For a compelete list of list methods visit:
https://docs.python.org/3/tutorial/datastructures.html