

In [4]:

```
# list append
l = ['tom', 'jerry', 'steven']
l.append('mary')
print(l)

['tom', 'jerry', 'steven', 'mary']
```

In [5]:

```
# list extend
l.extend(['may', 'david'])
print(l)

['tom', 'jerry', 'steven', 'mary', 'may', 'david']
```

In [2]:

```
# list insert
l = ['tom', 'jerry', 'steven']
l.insert(2, 'helen')
print(l)

['tom', 'jerry', 'helen', 'steven']
```

In [7]:

```
# list remove
l = ['tom', 'jerry', 'steven']
l.remove('tom')
print(l)

['jerry', 'steven']
```

In [8]:

```
# list pop
l = ['tom', 'jerry', 'steven']
l.pop(1)
print(l)

['tom', 'steven']
```

In [10]:

```
# list clear
l = ['tom', 'jerry', 'steven']
l.clear()
print(l)

[]
```

In [11]:

```
# list index
l = ['tom', 'jerry', 'steven']
print(l.index('jerry'))
```

In [1]:

```
# list count
l = ['tom', 'jerry', 'steven', 'steven']
print(l.count('tom'))
print(l.count('steven'))
```

```
1
2
```

In [16]:

```
# sort method of list
l = ['tom', 'jerry', 'steven']
l.sort()
print(l)
```

```
['jerry', 'steven', 'tom']
```

In [21]:

```
# sorted function
l = ['tom', 'jerry', 'steven']
l1 = sorted(l)
print(l1)
```

```
['jerry', 'steven', 'tom']
```

In [22]:

```
# reverse method of list
l = ['tom', 'jerry', 'steven']
l.reverse()
print(l)
```

```
['steven', 'jerry', 'tom']
```

In [23]:

```
# copy list #1
l = ['tom', 'jerry', 'steven']
l1 = l
print(l)
print(l1)

l.append('may')
print(l)
print(l1)
```

```
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven', 'may']
['tom', 'jerry', 'steven', 'may']
```

In [24]:

```
# copy list, real copy #2
l = ['tom', 'jerry', 'steven']
l1 = l[:]
print(l)
print(l1)
```

```
l.append('may')
print(l)
print(l1)
```

```
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven', 'may']
['tom', 'jerry', 'steven']
```

In [25]:

```
# copy list, real copy #3
l = ['tom', 'jerry', 'steven']
l1 = list(l)
print(l)
print(l1)
```

```
l.append('may')
print(l)
print(l1)
```

```
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven']
['tom', 'jerry', 'steven', 'may']
['tom', 'jerry', 'steven']
```

In [ ]: