

In [1]:

```
1 print(dir(list))
```

```
['__add__', '__class__', '__contains__', '__delattr__', '__delitem__', '__di  
r__', '__doc__', '__eq__', '__format__', '__ge__', '__getattribute__', '__ge  
titem__', '__gt__', '__hash__', '__iadd__', '__imul__', '__init__', '__init_  
subclass__', '__iter__', '__le__', '__len__', '__lt__', '__mul__', '__ne__',  
 '__new__', '__reduce__', '__reduce_ex__', '__repr__', '__reversed__', '__rmu  
l__', '__setattr__', '__setitem__', '__sizeof__', '__str__', '__subclasshook  
__', 'append', 'clear', 'copy', 'count', 'extend', 'index', 'insert', 'pop',  
 'remove', 'reverse', 'sort']
```

In [2]:

```
1 # remove()  
2 lst = ['siri','mech',2,7,8,'cse','civil']  
3 print(lst)
```

```
['siri', 'mech', 2, 7, 8, 'cse', 'civil']
```

In [3]:

```
lst.remove('mech')
```

In [11]:

```
1 lst = ['siri','mech',2,7,8,'cse','civil']  
2 print(lst)  
3 lst.remove(7)  
4 print(lst)
```

```
['siri', 'mech', 2, 7, 8, 'cse', 'civil']  
['siri', 'mech', 2, 8, 'cse', 'civil']
```

In [4]:

```
1 print(lst)
```

```
['siri', 2, 7, 8, 'cse', 'civil']
```

In [5]:

```
1 # reverse  
2 lst.reverse()  
3 print(lst)
```

```
['civil', 'cse', 8, 7, 2, 'siri']
```

In [7]:

```
1 # clear()  
2 lst.clear()  
3 print(lst)
```

```
[]
```

In [9]:

```
1 lst1 = ['python',5,7,9,'cse','civil',46.8]
2 print(lst1)
```

['python', 5, 7, 9, 'cse', 'civil', 46.8]

In [14]:

```
1 lst2 = [4,6,7,9.0,1,89,34,56]
2 print(lst2)
3
4
```

[4, 6, 7, 9.0, 1, 89, 34, 56]

In [15]:

```
1 # sort()
2 lst2.sort()    # ascending order
3 print(lst2)
```

[1, 4, 6, 7, 9.0, 34, 56, 89]

In [16]:

```
1 lst2.reverse() # descending order
2 print(lst2)
```

[89, 56, 34, 9.0, 7, 6, 4, 1]

In [17]:

```
1 lst1
```

Out[17]:

['python', 5, 7, 9, 'cse', 'civil', 46.8]

In [18]:

```
1 # insert()
2 lst1.insert(2,'spmvv')
```

In [19]:

```
1 print(lst1)
```

['python', 5, 'spmvv', 7, 9, 'cse', 'civil', 46.8]

In [20]:

```
1 lst1.insert(5,30)
```

In [21]:

```
1 print(lst1)
```

```
['python', 5, 'spmvv', 7, 9, 30, 'cse', 'civil', 46.8]
```

In []:

```
1
```