In [2]:
```python
my_list=[1,2,3]
my_list
```

Out[2]:
```
[1, 2, 3]
```

In [4]:
```python
my_list=[1,"hi",3.4]
my_list
```

Out[4]:
```
[1, 'hi', 3.4]
```

In [6]:
```python
my_list=[2,3,4,5,6]
print(my_list[2])
```

```
4
```

In [12]:
```python
n_list = ["Happy", [2,0,1,5]]
n_list
print(n_list[1][2])
```

```
1
```

In [19]:
```python
my_list=['p','w','e','r','t','y']
print(my_list[1:4])
print(my_list[:4])
print(my_list[4:])
print(my_list[:])
```

```
['w', 'e', 'r']
['p', 'w', 'e', 'r']
['t', 'y']
['p', 'w', 'e', 'r', 't', 'y']
```

In [25]:
```python
my_list=[1,2,3]
print(my_list)
my_list[0:1]=[4,5,6]
print(my_list)
```

```
[1, 2, 3]
[4, 5, 6, 2, 3]
```

In [30]:
```python
my_list=[1,2,3]
my_list.append(6)
print(my_list)
my_list.extend([7,8,9])
print(my_list)
```

```
[1, 2, 3, 6]
[1, 2, 3, 6, 7, 8, 9]
```

In [36]:
```python
my_list=['p','w','e','r','t','y']
print(my_list)
del my_list[3]

del my_list[3:]
print(my_list)
```

```
['p', 'w', 'e', 'r', 't', 'y']
['p', 'w', 'e']
```