Basic Pandas Functions Part - 2

In [1]:
```python
import pandas as pd
```

In [2]:
```python
import numpy as np
```

In [3]:
```python
df = pd.DataFrame([[1,2,3,4],[12,45,32,78],[123,546,456,123],[1000,2565,1241,3251]])
```

In [4]:
```python
df.shape
```

Out[4]: (4, 4)

.iloc() in DF

In [5]:
```python
print(df)
```

```
      0     1     2     3
0     1     2     3     4
1    12    45    32    78
2   123   546   456   123
3  1000  2565  1241  3251
```

In [6]:
```python
# Accessing the matrix 45 32, 546 456
```

In [7]:
```python
print(df.iloc[1:3, 1:3])
```

```
     1    2
1   45   32
2  546  456
```

Changing column header in Dataframe

In [8]:
```python
df = pd.DataFrame([[1,2,3,4],[12,45,32,78],[123,546,456,123],[1000,2565,1241,3251]])
```

In [9]:
```python
print('BEFORE : \n', df)
```

```
BEFORE :
      0     1     2     3
0     1     2     3     4
1    12    45    32    78
2   123   546   456   123
3  1000  2565  1241  3251
```

In [10]:
```python
df = pd.DataFrame([[1,2,3,4],[12,45,32,78],[123,546,456,123],[1000,2565,1241,3251]], columns=['Col-1', 'Col-2'
```

In [11]:
```python
print('AFTER : \n \n', df)
```

```
AFTER :

   Col-1  Col-2  Col-3  Col-4
0      1      2      3      4
1     12     45     32     78
2    123    546    456    123
3   1000   2565   1241   3251
```

End