In [1]:
```
import numpy as np
import pandas as pd
```

In [2]:
```
from pandas import Series, DataFrame
```

In [3]:
```
series_obj = Series(np.arange(4), index = ['row 1', 'row 2', 'row 3', 'row 4'
])
series_obj
```

Out[3]:
```
row 1    0
row 2    1
row 3    2
row 4    3
dtype: int32
```

In [4]:
```
series_obj['row 2']
```

Out[4]:
```
1
```

In [5]:
```
series_obj['row 1' : 'row 3']
```

Out[5]:
```
row 1    0
row 2    1
row 3    2
dtype: int32
```

In [6]:
```
series_obj['row 2', 'row 3'] = 4, 6
```

In [7]:
```
series_obj
```

Out[7]:
```
row 1    0
row 2    4
row 3    6
row 4    3
dtype: int32
```

In [8]:
```
np.random.seed(25)
```

In [11]:
```
DF_obj = DataFrame(np.random.rand(16).reshape((4,4)), index = ['baris 1', 'bar
is 2', 'baris 3', 'baris 4'], columns = [
'kolom 1', 'kolom 2', 'kolom 3', 'kolom 4'])
DF_obj
```

Out[11]:

	kolom 1	kolom 2	kolom 3	kolom 4
baris 1	0.669612	0.456069	0.289804	0.525819
baris 2	0.559242	0.745284	0.828346	0.823694
baris 3	0.077140	0.644862	0.309258	0.524254
baris 4	0.958092	0.883201	0.295432	0.512376

In [12]:
```
DF_obj < .5
```

Out[12]:

	kolom 1	kolom 2	kolom 3	kolom 4
baris 1	False	True	True	False
baris 2	False	False	False	False
baris 3	True	False	True	False
baris 4	False	False	True	False

In [13]:
```
DF_obj.loc[['baris 2', 'baris 3'], ['kolom 1', 'kolom 4']]
```

Out[13]:

	kolom 1	kolom 4
baris 2	0.559242	0.823694
baris 3	0.077140	0.524254

In [14]:
```
series_obj < 3
```

Out[14]:
```
row 1     True
row 2    False
row 3    False
row 4    False
dtype: bool
```

In [15]:
```
series_obj[series_obj < 3]
```

Out[15]:
```
row 1    0
dtype: int32
```

In [16]:
```
DF_obj[DF_obj < .5]
```

Out[16]:

	kolom 1	kolom 2	kolom 3	kolom 4
baris 1	NaN	0.456069	0.289804	NaN
baris 2	NaN	NaN	NaN	NaN
baris 3	0.07714	NaN	0.309258	NaN
baris 4	NaN	NaN	0.295432	NaN