ejercicio_lc_pandas

January 31, 2018

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

In [2]:
```
data_dict = {
    'nombre': [ 'Sergio', 'Vladimir', 'Tania', 'Elsy', 'Oktavia'],
    'semestre': [1, 1, 3, 5, 5],
    'final': [7.5, 8, 9, 8.2, 4]
}
```

In [3]:
```
df = pd.DataFrame(data_dict)
df = df[['nombre', 'semestre', 'final']]
df
```

Out[3]:

	nombre	semestre	final
0	Sergio	1	7.5
1	Vladimir	1	8.0
2	Tania	3	9.0
3	Elsy	5	8.2
4	Oktavia	5	4.0

In [6]:
```
# Subtract 1 from row, for each row in df.year
df['sig_sem'] = [row+1 for row in df['semestre'] ]
```

In [13]:
```
mi_lista = [x * y for x in [20, 40, 60] for y in [2, 4, 6]]

 lista_numeros = [x ** 2 for x in range(10) if x % 2 == 0]
```

In [16]:
```
df['paso'] = [row+1 for row in df['semestre']]
```

In [17]:
```
df
```

Out[17]:

	nombre	semestre	final	sig_sem	paso
0	Sergio	1	7.5	2	2
1	Vladimir	1	8.0	2	2
2	Tania	3	9.0	4	4
3	Elsy	5	8.2	6	6
4	Oktavia	5	4.0	6	6

In [ ]:
```
!wget https://gist.githubusercontent.com/israelzuniga/bef0001668c2bab3c3686db3759f0faa/
```