

```
In [8]: import pandas as pd  
attendance = pd.Series([132,94,112,84,254,322,472])
```

```
In [9]: print(attendance)
```

```
0    132  
1     94  
2    112  
3     84  
4    254  
5    322  
6    472  
dtype: int64
```

```
In [10]: type(attendance)
```

```
Out[10]: pandas.core.series.Series
```

```
In [11]: attendance.sort_values()
```

```
Out[11]: 3     84  
1     94  
2    112  
0    132  
4    254  
5    322  
6    472  
dtype: int64
```

```
In [16]: attendance = pd.Series([132,94,112,84,254,322,472], index=['monday','tuesday','wednesday',
```

```
In [17]: attendance.sort_values()
```

```
Out[17]: thursday    84  
tuesday    94  
wednesday   112  
monday     132  
friday     254  
saturday    322  
sunday     472  
dtype: int64
```

```
In [18]: attendance.loc['saturday']
```

```
Out[18]: 322
```

```
In [21]: attendance.iloc[0]
```

```
Out[21]: 132
```

```
In [48]: attendance.loc[attendance == 94]
```

```
Out[48]: tuesday    94  
dtype: int64
```

```
In [49]: attendance[0]
```

Out[49]: 132

In [50]: attendance['sunday']

Out[50]: 472

In [52]: print([attendance>200])

```
[monday      False
tuesday      False
wednesday    False
thursday     False
friday       True
saturday     True
sunday       True
dtype: bool]
```

In [56]: ser = pd.Series(['a', 'b', 'c'], index=[9, 8, 7])  
print(ser)

```
9    a
8    b
7    c
dtype: object
```

In [57]: revenue = attendance\*50  
print(revenue)

```
monday      6600
tuesday     4700
wednesday   5600
thursday    4200
friday     12700
saturday    16100
sunday     23600
dtype: int64
```

In [58]: print(revenue.sum())

73500

In [59]: print(min(revenue))

4200

In [60]: print(max(revenue))

23600

In [70]: # weekdays revenue  
g = revenue.iloc[0:5]  
print(g)

```
monday      6600
tuesday     4700
wednesday   5600
thursday    4200
friday     12700
dtype: int64
```

In [71]: print(g.sum())

---

33800

```
In [72]: # weekends revenue  
h = revenue.iloc[5:7]  
print(h)
```

```
saturday    16100  
sunday      23600  
dtype: int64
```

```
In [73]: print(h.sum())
```

39700