

Using pandas Methods for Working with Series Objects

Step 1 Libraries import

```
# use the well-known convention
import pandas as pd
```

Step 2 Create a Series object

```
series_1 = pd.Series([1, 5, 10, 15, 25, 300, 445, 4, 2000])
series_1
```

0	1
1	5
2	10
3	15
4	25
5	300
6	445
7	4
8	2000

```
dtype: int64
```

Step 3 Use pandas methods for gathering data about the dataset

```
# Obtain the sum of all values
series_1.sum()

2805

# Obtain the highest value
series_1.min()

1

# Obtain the lowest value
series_1.max()

2000

# Obtain the index of the highest value
series_1.idxmax()

8
```

```
# Obtain the first five rows  
series_1.head()
```

```
0      1  
1      5  
2     10  
3     15  
4     25  
dtype: int64
```