1. Write a Pandas program to compare the elements of the two Pandas Series.

In [41]:
```
ds1 = pd.Series([2, 4, 6, 8, 10],index=['a','b','c','d','e'])
ds2 = pd.Series([1, 3, 5, 7, 10],index=['a','b','c','d','e'])
```

In [ ]:
```

```

2. Write a Pandas program for 10 random numbers and find the positions of numbers that are multiples of 5 of a that series.

In [ ]:
```

```

3. Write a for loop that outputs the values of the dictionary below:

SoccerPlayers = {'Madrid':'Modric', 'Bayern':'Kimmich', 'Tottenham':'Kane', 'PSG': 'Mbappe', 'Barca':'Lewandowski'}

In [ ]:
```

```

4. Create a Histogram of a random distribution of values 1 to 10 with 100 repetitions. Provide a title and name the x and y axis. Use the color red

In [ ]:
```

```