Questions:

1. Write a Pandas program to create and display a one-dimensional array-like object containing an array of data
2. Write a Pandas program to add, subtract, multiple and divide two Pandas Series.
3. Write a Pandas program to convert a NumPy array to a Pandas series.( For example:

NumPy array:  
[10 20 30 40 50]  
Converted Pandas series:  
0 10  
1 20  
2 30  
3 40  
4 50

1. Write a Pandas program to convert the first column of a DataFrame as a Series.

(Example: Sample Output:  
Original DataFrame  
col1 col2 col3  
0 1 4 7  
1 2 5 5  
2 3 6 8  
3 4 9 12  
4 7 5 1  
5 11 0 11  
1st column as a Series:  
0 1  
1 2  
2 3  
3 4  
4 7  
5 11

1. Write a Pandas program to convert a given Series to an array.

( Example:

Sample Output:  
Original Data Series:  
0 100  
1 200  
2 python  
3 300.12  
4 400  
dtype: object  
Series to an array  
['100' '200' 'python' '300.12' '400']

1. Write a Pandas program to sort a given Series.
2. Write a Pandas program to create a subset of a given series based on value and condition.
3. Write a Pandas program to change the order of index of a given series.
4. Write a Pandas program to get the items of a given series not present in another given series.
5. Write a Pandas program to get the items which are not common of two given series.