Table 2.1 Attributes of Pandas Series

Attribute Name	Purpose	Example

name	assigns a name to the Series	```>>> seriesCapCntry.name = 'Capitals'```
		```>>> print(seriesCapCntry)```
		`India        NewDelhi`
		`USA          WashingtonDC`
		`UK             London`
		`France          Paris`
		`Name: Capitals, dtype: object`

index.name	assigns a name to the index of the series	```>>>seriesCapCntry.index.name = 'Countries'```
		```>>> print(seriesCapCntry)```
		`Countries`
		`India        NewDelhi`
		`USA          WashingtonDC`
		`UK             London`
		`France          Paris`
		`Name: Capitals, dtype: object`

values	prints a list of the values in the series	```>>> print(seriesCapCntry.values)```
		`['NewDelhi' 'WashingtonDC' 'London'`
		`'Paris']`

size	prints the number of values in the Series object	```>>> print(seriesCapCntry.size)``` `4`

empty	prints True if the series is empty, and False otherwise	```>>> seriesCapCntry.empty```
		`False`
		
		```# Create an empty series```
		```seriesEmpt=pd.Series()```
		```>>> seriesEmpt.empty```
		`True`

2.2.4 Methods of Series

In this section, we are going to discuss some of the methods that are available for Pandas Series. Let us consider the following series:

```
>>> seriesTenTwenty=pd.Series(np.arange(10, 20, 1))
>>> print(seriesTenTwenty)
0    10
1    11
2    12
3    13
4    14
5    15
6    16
7    17
8    18
9    19
dtype: int32
```

Activity 2.3

Consider the following code:
```
>>>import pandas as pd
>>>import numpy as np
>>>s2=pd.Series([12, np.nan, 10])
>>>print(s2)
```

Find output of the above code and write a Python statement to count and display only non null values in the above series.