```
In [1]: import numpy as np
        import pandas as pd
```

```
In [2]: list1=[1,2,3,"usama",4,5]
```

```
In [3]: list1
```

```
Out[3]: [1, 2, 3, 'usama', 4, 5]
```

```
In [4]: series1=pd.Series(list1)
```

```
In [5]: series1
```

```
Out[5]: 0        1
        1        2
        2        3
        3    usama
        4        4
        5        5
        dtype: object
```

pandas series using tuple

```
In [6]: tuple1=(11,22,33,44,55)
```

```
In [7]: series2=pd.Series(tuple1)
```

```
In [8]: series2
```

```
Out[8]: 0    11
        1    22
        2    33
        3    44
        4    55
        dtype: int64
```

using dictionary

```
In [9]: dict1={0:1,1:2,2:3,3:4,4:5}
```

```
In [10]: series3=pd.Series(dict1)
```

In [11]: `series3`

Out[11]:
```
0    1
1    2
2    3
3    4
4    5
dtype: int64
```

using numpy

In [12]: `numpy=np.array([11,22,33,44,55,66])`

In [13]: `series4=pd.Series(numpy)`

In [14]: `series4`

Out[14]:
```
0    11
1    22
2    33
3    44
4    55
5    66
dtype: int32
```

using scalar value

In [15]: `series5=pd.Series(11,index=[0,1,2,3,4])`

In [16]: `series5`

Out[16]:
```
0    11
1    11
2    11
3    11
4    11
dtype: int64
```

direct method

In [19]: `series=pd.Series([1,2,3,"usama",4,5])`

In [20]: `series`

Out[20]:
```
0        1
1        2
2        3
3    usama
4        4
5        5
dtype: object
```

In [21]: `x=pd.Series({0:1,1:2,2:3,'age':24,4:5})`

In [22]: `x`

Out[22]:
```
0        1
1        2
2        3
age     24
4        5
dtype: int64
```

In [23]: `x=pd.Series({0:1,1:2,2:3,'age':24,4:5})`

In [24]: `x`

Out[24]:
```
0        1
1        2
2        3
age     24
4        5
dtype: int64
```

In [ ]: