

```
import pandas as pd
import numpy as np
#Creating Series fro Array
arr=np.array(['P', 'a', 'n','d', 'a' 's'])
a=pd.Series(arr)
print ("Series from array")
print (a)
```

```
Series from array
0    P
1    a
2    n
3    d
4   as
dtype: object
```

```
#Series from dictionary
arr={'x':0., 'y':1., 'z':2.}
b=pd.Series(arr)
print ("Series from dictionary")
print (b)
```

```
Series from dictionary
x    0.0
y    1.0
z    2.0
dtype: float64
```

```
#Series through index
x=pd.Series([1,2,3,4,5],index = ['a','b','c','d','e'])
print ("Series through index:")
print (x)
```

```
Series through index:
a    1
b    2
c    3
d    4
e    5
dtype: int64
```

```
a=pd.Series(data=[1,2,3,4])
print ("a series")
print (a)
print ("Shape")
print (a.shape)
```

```
a series
0    1
1    2
2    3
```

```
3    4
dtype: int64
Shape
(4,)
```

```
a=pd.Series(data=[5,6,7,8])
print ("Index")
print (a.index)

print ("Values")
print (a.values)
```

```
Index
RangeIndex(start=0, stop=4, step=1)
Values
[5 6 7 8]
```

```
a=pd.Series(data=[9,10,11,12])
print ("Dimension")
print (a.ndim)

print ("Size")
print (a.size)
```

```
Dimension
1
Size
4
```