

```
import pandas as pd
import numpy as np
a=np.array(['p','y','t','h','o','n'])
print(pd.Series(a))
```

```
↔ 0    p
   1    y
   2    t
   3    h
   4    o
   5    n
dtype: object
```

```
x=pd.Series(7,index=[0,1,2,3])
print(x)
```

```
↔ 0    7
   1    7
   2    7
   3    7
dtype: int64
```

```
y=pd.Series([2,4,6,8],index=['a','b','c','d'])
print(y)
```

```
↔ a    2
   b    4
   c    6
   d    8
dtype: int64
```

```
a=pd.Series(data=[2,3,4,7])
print(a.index)
print(a.values)
print(a.shape)
print(a.ndim)
print(a.size)
```

```
↔ RangeIndex(start=0, stop=4, step=1)
   [2 3 4 7]
   (4,)
   1
   4
```

```
df=pd.DataFrame()
print(df)
```

```
↔ Empty DataFrame
   Columns: []
   Index: []
```

```
emp=pd.Series(['Amit','John','Aashi'])
id=pd.Series([1,2,3])
frame={'Emp':emp,'ID':id}
res=pd.DataFrame(frame)
print(res)
```

```
↔      Emp  ID
   0  Amit   1
   1  John   2
   2  Aashi  3
```

```
print(res.loc[2])
```


```
↔ Emp    Aashi
   ID         3
   Name: 2, dtype: object
```

```
res['Age']=pd.Series([24,28,32])
print(res)
```

```
↔      Emp  ID  Age
   0  Amit   1   24
   1  John   2   28
```

2 Aashi 3 32

```
del res['Age']  
print(res)
```



	Emp	ID
0	Amit	1
1	John	2
2	Aashi	3

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