

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

list=[1,20.2,52.5,45,52.2,87.8,54.6,98.7,55,33,]
s=pd.Series(list)
s
```

```
Out[1]: 0    1.0
        1   20.2
        2   52.5
        3   45.0
        4   52.2
        5   87.8
        6   54.6
        7   98.7
        8   55.0
        9   33.0
        dtype: float64
```

```
In [2]: s.sum()
```

```
Out[2]: 500.0
```

```
In [3]: s.product()
```

```
Out[3]: 2139314477896626.5
```

```
In [4]: s.mean()
```

```
Out[4]: 50.0
```

```
In [5]: s.max()
```

```
Out[5]: 98.7
```

```
In [6]: s.count()
```

```
Out[6]: 10
```

```
In [7]: # _____parameter_____
```

```
In [8]: name=["vasim","rahul","rohan","sophiya","vasim shaikh"]  
last=["shaikh","khule","khule","shaikh","shaikh"]  
name1=["vasim","rahul","rohan","sophiya","vasim shaikh"]  
last=["shaikh","khule","khule","shaikh","shaikh"]  
  
pd.Series(name,last)  
pd.Series(data=name,index=last)  
pd.Series(name,index=last)
```

```
Out[8]: shaikh      vasim  
khule      rahul  
khule      rohan  
shaikh      sophiya  
shaikh      vasim shaikh  
dtype: object
```

```
In [9]: pd.Series(data=name,index=last)
```

```
Out[9]: shaikh      vasim  
khule      rahul  
khule      rohan  
shaikh      sophiya  
shaikh      vasim shaikh  
dtype: object
```