

```
In [2]: import pandas as pd
import pandas as np
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    a
5    s
dtype: string
```

```
In [3]: df = pd.DataFrame()
print (df)
```

Empty DataFrame

Columns: []

Index: []

```
In [4]: emp = pd.Series(['Parker', 'John', 'Smith','William'])
id =pd.Series([102, 107, 109, 114])
frame = { 'Emp': emp, 'ID': id }
result = pd.DataFrame(frame)
print("\nSeries to Data frame\n")
print(result)
```

Series to Data frame

```
      Emp  ID
0  Parker  102
1   John  107
2  Smith  109
3 William  114
```

```
In [5]: print("\n Extracting one column :\n")
print(result['Emp'])
```

Extracting one column :

```
0    Parker
1     John
2    Smith
3  William
Name: Emp, dtype: object
```

```
In [ ]:
```