

Pandas Series - Assignment - 1

```
In [21]: import pandas as pd
date =[1,2,3,4,5]
s =pd.Series(date)
print(s)
```

```
0    1
1    2
2    3
3    4
4    5
dtype: int64
```

Pandas Series - Assignment - 2

```
In [22]: import pandas as pd

data =[100, 200, 300]
index =['a', 'b','c']
s =pd.Series(data, index=index)
print(s)
```

```
a    100
b    200
c    300
dtype: int64
```

pandas Series - Assignment - 3

```
In [20]: import pandas as pd

date =[1,2,3,4,5]

Student =['Ramiz', 'Koly', 'Aman', 'Mikail', "kk"]

p =pd.Series(date, index =Student)

print(p)
```

```
Ramiz    1
Koly     2
Aman     3
Mikail   4
kk       5
dtype: int64
```

Pandas Series - Assignment - 4

```
In [2]: date = {

    "Python": 98,
    "Ai": 86,
    "Math" : 80

}

s = pd.Series(date)
print(s)
```

```
Python    98
Ai        86
Math      80
dtype: int64
```

Pandas Series - Assignment - 5

```
In [75]: temp = [32,28, 33, 31, 29, 35, 30]
days =['mon', 'tue', 'wed', 'thu', 'fri', 'set', 'sun']

s =pd.Series(temp, index=days)

print(s[s > 30])
```

```
mon    32
wed    33
thu    31
set    35
dtype: int64
```

Pandas Series - Assignment - 6

```
In [76]: print("Total:", s.sum())
         print("Average:", s.mean())
         print("Highest:", s.max())
         print("Lowest:", s.min())
```

```
Total: 218
Average: 31.142857142857142
Highest: 35
Lowest: 28
```

Pandas Series - Assignment - 7

```
In [77]: if 'wed' in s:
         print("Yes, Wednesday is present")
         else:
         print("No, not found")
```

```
Yes, Wednesday is present
```

Pandas Series - Assignment - 8

```
In [78]: s['thu'] = 36
         print(s)
```

```
mon    32
tue    28
wed    33
thu    36
fri    29
set    35
sun    30
dtype: int64
```

```
In [ ]:
```