

Q1. Create a list L1 of your six friends name. Convert L1 to series s. Check data type of S. Print value of s at index 4. Print value of s at index 3 and 5. Using for loop print all your friends name with message Hi! Reindex s to from default index 0-5 to a,b,c,d,e,f Print values at index b and e Print values at index from b to e

```
import pandas as pd
l1=["Avantika","Ben10","Priyanka","Divya","Ishika","Juhi"]
l1

['Avantika', 'Ben10', 'Priyanka', 'Divya', 'Ishika', 'Juhi']
```

```
s1=pd.Series(l1)
s1
type(s1)

0    Avantika
1     Ben10
2    Priyanka
3     Divya
4     Ishika
5      Juhi
dtype: object
```

```
s2=pd.Series(s1,index=[4])
s2

4    Ishika
dtype: object
```

```
s3=pd.Series(s1,index=[3,5])
s3

3    Divya
5     Juhi
dtype: object3    Divya
5     Juhi
dtype: object
```

```
for x in s1:
    print("Hi!" +s1)
```

```
0    Hi!Avantika
1    Hi!Ben10
2    Hi!Priyanka
3    Hi!Divya
4    Hi!Ishika
5    Hi!Juhi
dtype: object
0    Hi!Avantika
1    Hi!Ben10
2    Hi!Priyanka
3    Hi!Divya
4    Hi!Ishika
5    Hi!Juhi
dtype: object
0    Hi!Avantika
1    Hi!Ben10
2    Hi!Priyanka
3    Hi!Divya
4    Hi!Ishika
5    Hi!Juhi
dtype: object
0    Hi!Avantika
1    Hi!Ben10
2    Hi!Priyanka
3    Hi!Divya
4    Hi!Ishika
5    Hi!Juhi
dtype: object
0    Hi!Avantika
1    Hi!Ben10
2    Hi!Priyanka
3    Hi!Divya
```

```
4      Hi!Ishika
5      Hi!Juhi
dtype: object
0      Hi!Avantika
1      Hi!Ben10
2      Hi!Priyanka
3      Hi!Divya
4      Hi!Ishika
5      Hi!Juhi
dtype: object
```

```
#l1=["Avantika","Ben10","Priyanka","Divya","Ishika","Juhi"]
import pandas
s1=pd.Series(l1)
pd.Series(s1,index=['c','b','a','d','e','f'])
s1.reindex(['a','b','c','d','e','f'])
```

```
a      NaN
b      NaN
c      NaN
d      NaN
e      NaN
dtype: object
```

```
#q2
from pandas import Series
d={'Ak':90, "Bk":99,"Ck":80,"Dk":89}
s1=Series(d)
s1
```

```
Ak      90
Bk      99
Ck      80
Dk      89
dtype: int64
```