```
In [1]: import numpy as np
        import pandas as pd
        from pandas import Series,DataFrame
```

```
In [2]: dic1={

            'name':['tom','jay','helly'],
            'age':[11,12,33],
            'classRoom':[1,2,3]
        }
```

```
In [3]: df1=DataFrame(data=dic1)
        df2=DataFrame(data=np.random.randint(60,100,size=(3,3)),
                      index=['jay','tom','helly'],
                      columns=['java','python','c'])
```

```
In [4]: df1
```

Out[4]:

	name	age	classRoom
0	tom	11	1
1	jay	12	2
2	helly	33	3

In [5]: df2

Out[5]:

	java	python	c
jay	91	69	97
tom	94	78	94
helly	77	62	87

In [20]: pd.merge(df1,df2,left_on='name',right_index=True)

Out[20]:

	name	age	classRoom	java	python	c
0	tom	11	1	94	78	94
1	jay	12	2	91	69	97
2	helly	33	3	77	62	87

In [16]: pd.merge(df2,df1,left_index=True,right_on='name')

Out[16]:

	java	python	c	name	age	classRoom
1	91	69	97	jay	12	2
0	94	78	94	tom	11	1
2	77	62	87	helly	33	3

In [ ]: