In [1]:
```
list=[{'year':1990,'name':'alice','department':'HR','age':25,'salary
     {'year':1990,'name':'bob','department':'RD','age':30,'salary':48
     {'year':1990,'name':'charlie','department':'Admin','age':45,'sa
      {'year':1991,'name':'alice','department':'HR','age':26,'salary
     {'year':1991,'name':'bob','department':'RD','age':31,'salary':5(
     {'year':1991,'name':'charlie','department':'Admin','age':46,'sa
     {'year':1992,'name':'alice','department':'Admin','age':27,'salar
     {'year':1992,'name':'bob','department':'RD','age':32,'salary':5
     {'year':1992,'name':'charlie','department':'Admin','age':28,'sa


     ]
```

In [3]:
```
import pandas as pd
list1=pd.DataFrame(list)
```

In [4]:
```
list1
```

Out[4]:

	age	department	name	salary	year
0	25	HR	alice	50000	1990
1	30	RD	bob	48000	1990
2	45	Admin	charlie	55000	1990
3	26	HR	alice	52000	1991
4	31	RD	bob	50000	1991
5	46	Admin	charlie	60000	1991
6	27	Admin	alice	60000	1992
7	32	RD	bob	52000	1992
8	28	Admin	charlie	62000	1992

In [5]:
```
list1.groupby(['year'])['salary'].sum()
```

Out[5]:
```
year
1990    153000
1991    162000
1992    174000
Name: salary, dtype: int64
```

In [6]:
```
list1.groupby(['name'])['salary'].sum()
```

Out[6]:
```
name
alice      162000
bob        150000
charlie    177000
Name: salary, dtype: int64
```