```
In [1]:
               import pandas as pd
               a = pd.Series([2,3,5,7,9])
 In [2]:
               a
 Out[2]:
               2
          1
               3
          2
               5
          3
               7
          4
               9
          dtype: int64
In [32]:
               x=[['mahendra',20,4000],['mahi',30,5000],['amf',38,20000],['ma',50,300
               pd.DataFrame(x, columns=['name', 'age', 'mgrid'])
Out[32]:
                 name
                       age
                           mgrid
             mahendra
                        20
                            4000
           1
                 mahi
                            5000
           2
                  amf
                        38
                           20000
           3
                           30000
                   ma
                        50
 In [3]:
               import pandas as pd
               data = {'id': [1,2,3,4,5,6], 'name': ['mahendra', 'mahi', 'sai', 'dash
                        'manager':[3,4,1,1,3,6], 'salary':[10000,3000,40000,5000,50000
            3
            4
                       ,'age': [20,30,49,32,28,35]}
 In [4]:
               df=pd.DataFrame(data)
              df
 In [5]:
            1
 Out[5]:
             id
                    name
                          manager
                                   salary
                                          age
                                   10000
           0
                mahendra
                                           20
              2
                     mahi
                                    3000
                                           30
           2
              3
                                   40000
                      sai
                                           49
                                    5000
           3
              4
                     dash
                                           32
                                   50000
              5
                                3
                                           28
                    maha
                                   20000
           5
              6
                     obul
                                           35
```

```
In [6]: 1 df.info()
```

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 6 entries, 0 to 5
Data columns (total 5 columns):

		(cocar a coramina	, •
#	Column	Non-Null Count	Dtype
0	id	6 non-null	int64
1	name	6 non-null	object
2	manager	6 non-null	int64
3	salary	6 non-null	int64
4	age	6 non-null	int64

dtypes: int64(4), object(1)
memory usage: 368.0+ bytes

In [7]:

1 df.head()

Out[7]:

	id	name	manager	salary	age
0	1	mahendra	3	10000	20
1	2	mahi	4	3000	30
2	3	sai	1	40000	49
3	4	dash	1	5000	32
4	5	maha	3	50000	28

In [8]:

1 df.tail()

Out[8]:

	id	name	manager	salary	age
1	2	mahi	4	3000	30
2	3	sai	1	40000	49
3	4	dash	1	5000	32
4	5	maha	3	50000	28
5	6	obul	6	20000	35

In [9]:

1 df.describe()

Out[9]:

	id	manager	salary	age
count	6.000000	6.000000	6.000000	6.000000
mean	3.500000	3.000000	21333.333333	32.333333
std	1.870829	1.897367	19510.680836	9.605554
min	1.000000	1.000000	3000.000000	20.000000
25%	2.250000	1.500000	6250.000000	28.500000
50%	3.500000	3.000000	15000.000000	31.000000
75%	4.750000	3.750000	35000.000000	34.250000
max	6.000000	6.000000	50000.000000	49.000000

```
1 df[['id', 'name', 'salary']]
In [10]:
Out[10]:
              id
                     name
                           salary
           0
                 mahendra
                           10000
               1
           1
               2
                      mahi
                            3000
                           40000
           2
              3
                       sai
                            5000
           3
                      dash
               5
                     maha
                           50000
                           20000
               6
                      obul
               df.iloc[0:4]
In [11]:
Out[11]:
              id
                     name
                          manager
                                    salary age
               1
                 mahendra
                                     10000
                                             20
           1
               2
                      mahi
                                      3000
                                             30
               3
                       sai
                                     40000
                                             49
           3
                                      5000
                      dash
                                             32
In [12]:
               print(df.iloc[:1])
                       name
                              manager
                                        salary
                                                 age
           0
               1
                  mahendra
                                         10000
                                                   20
                                     3
In [13]:
               df.iloc[2:]
Out[13]:
                 name
                        manager
                                 salary
                                        age
           2
               3
                                 40000
                                         49
                    sai
           3
                  dash
                                  5000
                                         32
               5
                 maha
                                 50000
                                         28
           5
               6
                   obul
                                 20000
                                         35
In [14]:
               a=df['salary']>10000
            1
            2
Out[14]:
          0
                False
           1
                False
                 True
           2
           3
                False
           4
                 True
                 True
          Name: salary, dtype: bool
```

```
In [15]:
            1 df[a]
Out[15]:
              id
                 name
                        manager salary
                                        age
           2
               3
                                 40000
                    sai
                                         49
               5
                              3
                                 50000
                                         28
                  maha
                                 20000
           5
               6
                   obul
                                         35
In [16]:
               df[(df['salary']>10000) | (df['age']>30)]
Out[16]:
                 name
                        manager
                                 salary
                                        age
           2
               3
                                 40000
                                         49
                    sai
                              1
           3
               4
                  dash
                              1
                                  5000
                                         32
               5
                                 50000
                                         28
                  maha
                   obul
                                20000
                                         35
            1 df[(df['salary']>10000) & (df['age']>30)]
In [17]:
Out[17]:
              id
                 name
                        manager
                                 salary
                                        age
           2
               3
                    sai
                                 40000
                                         49
           5
               6
                   obul
                                 20000
                                         35
In [18]:
               df['age']=df['age']-1
In [19]:
               df
Out[19]:
              id
                          manager salary
                     name
                                           age
           0
                                     10000
               1
                 mahendra
                                             19
           1
               2
                                  4
                                      3000
                                             29
                      mahi
           2
               3
                                  1
                                    40000
                                             48
                       sai
                                      5000
           3
               4
                                  1
                                             31
                      dash
                                     50000
           4
               5
                     maha
                                             27
           5
                                     20000
                                             34
               6
                      obul
               df['updated_salary']=df['salary']*1.1
In [20]:
```

```
df
In [21]:
Out[21]:
              id
                     name
                            manager
                                     salary
                                            age
                                                  updated_salary
                                                         11000.0
            0
               1
                                      10000
                                              19
                  mahendra
                                   3
               2
            1
                      mahi
                                   4
                                       3000
                                              29
                                                         3300.0
                                     40000
            2
               3
                                   1
                                              48
                                                        44000.0
                        sai
                                       5000
            3
               4
                                   1
                                              31
                                                         5500.0
                      dash
                                   3
                                     50000
            4
               5
                     maha
                                              27
                                                        55000.0
            5
                                     20000
                                              34
                                                        22000.0
               6
                       obul
                df.drop('updated_salary', axis=1)
In [22]:
Out[22]:
              id
                     name
                           manager
                                     salary
                                            age
            0
               1
                  mahendra
                                   3
                                      10000
                                              19
            1
               2
                      mahi
                                       3000
                                              29
               3
            2
                        sai
                                     40000
                                              48
                                       5000
            3
               4
                      dash
                                              31
               5
                                   3
                                      50000
                                              27
            4
                     maha
                                     20000
            5
               6
                       obul
                                              34
In [23]:
                df.isnull().sum()
Out[23]: id
                                0
                                0
           name
           manager
                                0
                                0
           salary
           age
                                0
           updated_salary
                                0
           dtype: int64
In [24]:
                df.drop('updated_salary', axis=1, inplace=True)
```

df.append({'id':7,'name':'singh','manager':5,'salary':34000,'age':40}, In [25]:

> C:\Users\mahen\AppData\Local\Temp\ipykernel_14320\651030945.py:1: FutureW arning: The frame.append method is deprecated and will be removed from pa ndas in a future version. Use pandas.concat instead.

df.append({'id':7,'name':'singh','manager':5,'salary':34000,'age':40}, ignore_index=True)

Out	ĿΙ	2	5	1	
	٠.	. –	_	4	

	id	name	manager	salary	age
0	1	mahendra	3	10000	19
1	2	mahi	4	3000	29
2	3	sai	1	40000	48
3	4	dash	1	5000	31
4	5	maha	3	50000	27
5	6	obul	6	20000	34
6	7	singh	5	34000	40

In [26]: df['age']=df['age'].apply(lambda x:x+1)

In [27]: 1 df

Out[27]:

	id	name	manager	salary	age
0	1	mahendra	3	10000	20
1	2	mahi	4	3000	30
2	3	sai	1	40000	49
3	4	dash	1	5000	32
4	5	maha	3	50000	28
5	6	obul	6	20000	35

In []:

In [28]:

df

Out[28]:

	id	name	manager	salary	age
0	1	mahendra	3	10000	20
1	2	mahi	4	3000	30
2	3	sai	1	40000	49
3	4	dash	1	5000	32
4	5	maha	3	50000	28
5	6	obul	6	20000	35

```
df2=df.merge(df, left_on='manager', right_on='id', how ='left', suffix
df2=df2[['id', 'name', 'manager', 'salary', 'age', 'namemgr', 'salarym'
In [29]:
              2
                 df2.sort_values(by='id', ascending=True)
Out[29]:
                id
                       name
                               manager
                                        salary age namemgr salarymgr
                                         10000
                                                                      40000
             0
                1
                   mahendra
                                      3
                                                  20
                                                             sai
                2
             1
                                           3000
                                                  30
                                                           dash
                                                                       5000
                        mahi
             2
                3
                                         40000
                                                                      10000
                                                  49
                                                      mahendra
                          sai
                4
                                      1
                                           5000
                                                                      10000
             3
                        dash
                                                  32
                                                      mahendra
                                         50000
                5
                        maha
                                      3
                                                  28
                                                             sai
                                                                      40000
                                                  35
                                         20000
                                                            obul
                                                                      20000
             5
                6
                         obul
                 df2[df2['salary']<= df2['salarymgr']]</pre>
In [30]:
Out[30]:
                id
                       name
                               manager
                                         salary
                                                 age
                                                      namemgr
                                                                  salarymgr
                1
                                         10000
                                                                      40000
             0
                    mahendra
                                      3
                                                  20
                                                             sai
             1
                2
                        mahi
                                      4
                                           3000
                                                  30
                                                           dash
                                                                       5000
                        dash
                                      1
                                           5000
                                                      mahendra
                                                                      10000
             3
                                                  32
                6
                         obul
                                         20000
                                                  35
                                                            obul
                                                                      20000
In [31]:
Out[31]:
                    name
                           age
                                mgrid
             0
                mahendra
                            20
                                  4000
             1
                    mahi
                            30
                                  5000
             2
                      amf
                            38
                                20000
             3
                      ma
                            50
                                30000
In [33]:
                 df
Out[33]:
                id
                       name
                               manager salary age
                                         10000
             0
                1
                   mahendra
                                      3
                                                  20
                2
                                           3000
             1
                        mahi
                                                  30
             2
                3
                          sai
                                      1
                                         40000
                                                  49
             3
                                      1
                                           5000
                                                  32
                        dash
                5
                                         50000
                        maha
                                      3
                                                  28
                                         20000
             5
                6
                                                  35
                         obul
                                      6
In [37]:
                 e=df.groupby('age')['salary'].sum()
```

```
In [38]:
Out[38]:
          age
          20
                 10000
          28
                 50000
          30
                  3000
                  5000
          32
          35
                 20000
          49
                 40000
          Name: salary, dtype: int64
In [39]:
               def get_department(x):
            2
                    if x['age'] > 40:
            3
                        return 'Management'
            4
                    elif x['age'] > 30:
                        return 'Sales'
            5
            6
                    else:
            7
                        return 'Support'
            8
            9
               df['department'] = df.apply(get_department, axis=1)
           10
In [40]:
            1
               df
Out[40]:
              id
                                                 department
                     name
                           manager
                                    salary
                                           age
           0
                                    10000
              1
                 mahendra
                                            20
                                                    Support
           1
              2
                     mahi
                                     3000
                                            30
                                                    Support
              3
                                    40000
           2
                                            49
                                 1
                                                Management
                       sai
                                 1
                                     5000
                                            32
           3
              4
                                                      Sales
                     dash
              5
                                 3
                                    50000
                     maha
                                            28
                                                    Support
           5
                                    20000
                                            35
                                                      Sales
              6
                      obul
                                 6
               gdf=df.groupby('department')['salary'].sum().reset_index(name='total_s
In [49]:
In [50]:
               gdf
Out[50]:
               department total_salary_department_wise
           0
              Management
                                              40000
           1
                    Sales
                                              25000
           2
                  Support
                                              63000
In [54]:
               print(df.groupby('department')['salary'].count().reset_index(name='num
              department
                           number_of_employees_dept_wise
          0
              Management
                                                           1
                                                           2
          1
                   Sales
                                                           3
          2
                 Support
```

[56]:		de	partment	avg_salary	_dept_w	rise		
	0	Ма	nagement		4000	0.0		
	1		Sales		1250	0.0		
	2		Support		2100	0.0		
60]:	1	i	mport num	ıpy as np)			
62]:	1	d [.]	f					
62]:		id	name	manager	salary	age	department	
	0	1	mahendra	3	10000	20	Support	
	1	2	mahi	4	3000	30	Support	
	2	3	sai	1	40000	49	Management	
	3	4	dash	1	5000	32	Sales	
	4	5	maha	3	50000	28	Support	
	5	6	obul	6	20000	35	Sales	
66]:	1	d [.]	f.append(({'id':8,	'name'	:'sa	m','manager	':2,'salary':34000,'age':n
	rni	ng:	: The fra n a futur	me.appen e versio id':8,'n	d meth n. Use ame':'	od is pand	deprecated	_14320\64528762.py:1: Futur d and will be removed from instead. 2,'salary':34000,'age':np.n
	d		gnore_ind	•				
66]:	d				salary	age	department	
66]:	d	ię	gnore_ind		salary 10000	age 20.0	department Support	
66]:	n},	id	gnore_ind	manager			-	
66]:	n},	id 1	name mahendra	manager 3.0	10000	20.0	Support	
66]:	0 1	id 1 2	gnore_ind name mahendra mahi	3.0 4.0	10000	20.0	Support Support	
66]:	0 1 2	id 1 2 3	gnore_ind name mahendra mahi sai	3.0 4.0 1.0	10000 3000 40000	20.0 30.0 49.0	Support Support Management	
66]:	0 1 2 3	id 1 2 3 4	name name mahendra mahi sai dash	3.0 4.0 1.0 1.0	10000 3000 40000 5000	20.0 30.0 49.0 32.0	Support Support Management Sales	
66]:	0 1 2 3 4	id 1 2 3 4 5	name mahendra mahi sai dash maha	3.0 4.0 1.0 1.0 3.0	10000 3000 40000 5000 50000	20.0 30.0 49.0 32.0 28.0	Support Support Management Sales Support	

In [76]: 1 df

Ωı	ı±1	Γ7	ิ 6 1	•

	id	name	manager	salary	age	department
0	1	mahendra	3.0	10000	20	Support
1	2	mahi	4.0	3000	30	Support
2	3	sai	1.0	40000	49	Management
3	4	dash	1.0	5000	32	Sales
4	5	maha	3.0	50000	28	Support
5	6	obul	6.0	20000	35	Sales

In [79]:

1 aa=df.append({'id':8,'name':'sam','manager':2,'salary':34000,'age':np.

C:\Users\mahen\AppData\Local\Temp\ipykernel_14320\3518368729.py:1: Future Warning: The frame.append method is deprecated and will be removed from p andas in a future version. Use pandas.concat instead.

aa=df.append({'id':8,'name':'sam','manager':2,'salary':34000,'age':np.n
an}, ignore_index=True)

In [80]:

1 aa

Out[80]:

	id	name	manager	salary	age	department
0	1	mahendra	3.0	10000	20.0	Support
1	2	mahi	4.0	3000	30.0	Support
2	3	sai	1.0	40000	49.0	Management
3	4	dash	1.0	5000	32.0	Sales
4	5	maha	3.0	50000	28.0	Support
5	6	obul	6.0	20000	35.0	Sales
6	8	sam	2.0	34000	NaN	NaN

In [81]:

aa.dropna()

Out[81]:

	id	name	manager	salary	age	department
0	1	mahendra	3.0	10000	20.0	Support
1	2	mahi	4.0	3000	30.0	Support
2	3	sai	1.0	40000	49.0	Management
3	4	dash	1.0	5000	32.0	Sales
4	5	maha	3.0	50000	28.0	Support
5	6	obul	6.0	20000	35.0	Sales

```
In [83]:
                aa.fillna(18)
Out[83]:
               id
                      name
                                                    department
                             manager
                                      salary
                                               age
                                       10000
                                              20.0
            0
               1
                  mahendra
                                  3.0
                                                        Support
            1
               2
                                  4.0
                                        3000
                                              30.0
                       mahi
                                                        Support
            2
               3
                                  1.0
                                       40000
                                              49.0
                                                    Management
                        sai
                                        5000
               4
            3
                                  1.0
                                              32.0
                                                          Sales
                       dash
               5
                                       50000
                                              28.0
                                                        Support
            4
                      maha
                                  3.0
            5
               6
                       obul
                                  6.0
                                       20000
                                              35.0
                                                          Sales
            6
               8
                                  2.0
                                       34000 18.0
                                                             18
                       sam
In [84]:
             1
                aa
Out[84]:
               id
                      name
                             manager
                                      salary
                                               age
                                                    department
            0
                1
                  mahendra
                                  3.0
                                       10000
                                              20.0
                                                        Support
               2
                                  4.0
                                        3000
                                              30.0
                                                        Support
            1
                       mahi
            2
               3
                                  1.0
                                       40000
                                              49.0
                                                    Management
                        sai
            3
               4
                       dash
                                  1.0
                                        5000
                                              32.0
                                                          Sales
               5
                      maha
                                  3.0
                                       50000
                                              28.0
                                                        Support
            5
               6
                       obul
                                  6.0
                                       20000
                                              35.0
                                                          Sales
                                       34000 NaN
            6
               8
                       sam
                                  2.0
                                                           NaN
In [86]:
                aa.fillna({'age':18, 'department': 'Sales'}, inplace=True)
In [87]:
             1
                aa
Out[87]:
               id
                                                    department
                      name
                             manager
                                      salary
                                              age
            0
                1
                  mahendra
                                  3.0
                                       10000
                                              20.0
                                                        Support
               2
                                  4.0
                                        3000
                                              30.0
            1
                       mahi
                                                        Support
               3
                                       40000
            2
                                  1.0
                                              49.0
                                                    Management
                        sai
               4
                                        5000
            3
                       dash
                                  1.0
                                              32.0
                                                          Sales
            4
               5
                                       50000
                                              28.0
                                                        Support
                      maha
                                  3.0
            5
               6
                       obul
                                  6.0
                                       20000
                                              35.0
                                                          Sales
            6
               8
                       sam
                                  2.0
                                       34000
                                              18.0
                                                          Sales
In [93]:
                bb=df.append({'id':8,'name':'sam','manager':2,'salary':34000,'age':18,
           C:\Users\mahen\AppData\Local\Temp\ipykernel_14320\2819184862.py:1: Future
           Warning: The frame.append method is deprecated and will be removed from p
           andas in a future version. Use pandas.concat instead.
```

bb=df.append({'id':8, 'name':'sam', 'manager':2, 'salary':34000, 'age':18,

'department':'support'}, ignore_index=True)

[Ι.					
In [94]:	1	b	b				
Out[94]:	id		name	manager	salary	age	department
	0	1	mahendra	3.0	10000	20	Support
	1	2	mahi	4.0	3000	30	Support
	2	3	sai	1.0	40000	49	Management
	3	4	dash	1.0	5000	32	Sales
	4	5	maha	3.0	50000	28	Support
	5	6	obul	6.0	20000	35	Sales
	6	8	sam	2.0	34000	18	support
In [101]:	1	ابر	h_hh	·()			
In [101]: 1		d	b=bb.copy	/() 			
T. [102]							
In [102]:	1	d	b				
In [102]: Out[102]:		d id	b name	manager	salary	age	department
				manager 3.0	salary	age	department Support
		id	name				Support
	0	id	name mahendra	3.0 4.0	10000	20	Support Support
	0 1 2	id 1 2 3	name mahendra mahi sai	3.0 4.0 1.0	10000 3000 40000	20 30 49	Support Support Management
	0 1 2 3	1 2 3 4	name mahendra mahi sai dash	3.0 4.0 1.0 1.0	10000 3000 40000 5000	20 30 49 32	Support Support Management Sales
	0 1 2 3 4	id 1 2 3 4 5	name mahendra mahi sai dash maha	3.0 4.0 1.0 1.0 3.0	10000 3000 40000 5000 50000	20 30 49 32 28	Support Support Management Sales Support
	0 1 2 3	1 2 3 4	name mahendra mahi sai dash	3.0 4.0 1.0 1.0	10000 3000 40000 5000	20 30 49 32	Support Support Management Sales
	0 1 2 3 4 5	1 2 3 4 5 6 8	name mahendra mahi sai dash maha obul sam	3.0 4.0 1.0 1.0 3.0 6.0 2.0	10000 3000 40000 5000 50000 20000 34000	20 30 49 32 28 35 18	Support Support Management Sales Support Sales

In [109]:	1 cb						
Out[109]:	99]:		name	manager	salary	age	department
	0	1	mahendra	3.0	10000	20	Support
	1	2	mahi	4.0	3000	30	Support
	2	3	sai	1.0	40000	49	Management
	3	4	dash	1.0	5000	32	Sales
	4	5	maha	3.0	50000	28	Support
	5	6	obul	6.0	20000	35	Sales
	6	8	sam	2.0	34000	18	support
	7	1	mahendra	3.0	10000	20	Support
	8	2	mahi	4.0	3000	30	Support
	9	3	sai	1.0	40000	49	Management
	10	4	dash	1.0	5000	32	Sales
	11	5	maha	3.0	50000	28	Support
	12	6	obul	6.0	20000	35	Sales
	13	8	sam	2.0	34000	18	support
In [110]:	1 cb.drop_duplicates(inplace=True)						
In [111]:	1 cb)				
Out[111]:		id	name	manager	salary	age	department
	0	1	mahendra	3.0	10000	20	Support
	1	2	mahi	4.0	3000	30	Support
	2	3	sai	1.0	40000	49	Management
	3	4	dash	1.0	5000	32	Sales
	4	5	maha	3.0	50000	28	Support
	5	6	obul	6.0	20000	35	Sales
	6	8	sam	2.0	34000	18	support
In [112]:	1	cb)				
Out[112]:		id	name	manager	salary	age	department
- -	0		mahendra	3.0	10000	20	Support
	1	2	mahi	4.0	3000	30	Support
	2	3	sai	1.0	40000	49	Management
	3	4	dash	1.0	5000	32	Sales
	3 4	5	maha	3.0	50000	28	
	4 5	5					Support
			obul	6.0	20000	35	Sales
	6	8	sam	2.0	34000	18	support

In [113]:	1	db											
Out[113]:		id	name	manager	salary	y age	departme	ent					
	0	1 n	nahendra	3.0	10000	20	Supp	ort					
	1	2	mahi	4.0	3000	30	Supp	ort					
	2	3	sai	1.0	40000) 49	Managem	ent					
	3	4	dash	1.0	5000	32	Sa	les					
	4	5	maha	3.0	50000	28	Supp	ort					
	5	6	obul	6.0	20000	35	Sa	les					
	6	8	sam	2.0	34000	18	supp	ort					
In [114]:	<pre>1 eb=pd.merge(db,cb, on='name', how='inner')</pre>												
In [115]:	1 eb												
Out[115]:	id		nam	e manage	er_x s	salary_x	age_x	departm	ent_x	id_y	manage	r_y :	salary_y a
	0	1	mahendr	<u></u>	3.0	10000	20	S	upport	1		3.0	10000
	1	2	mah	ni	4.0	3000	30	S	upport	2		4.0	3000
	2	3	sa	ai	1.0	40000	49	Manag	ement	3		1.0	40000
	3	4	das	h	1.0	5000	32		Sales	4		1.0	5000
	4	5	mah	a	3.0	50000	28	S	upport	5		3.0	50000
	5	6	obu	ıl	6.0	20000	35		Sales	6		6.0	20000
	6	8	sar	n	2.0	34000	18	s	upport	8		2.0	34000
	4												•
In [134]:	1 fb=cb.merge(db, on='name', how='left', suffixes=['','2'])												
In [135]:	1	fb											
Out[135]:	id		name	manager	salary	y age	departme	ent id2	man	ager2	salary2	age2	2 departm
	0	1 n	nahendra	3.0	10000	20	Supp	ort 1		3.0	10000	20) Su
	1	2	mahi	4.0	3000	30	Supp	ort 2		4.0	3000	30) Su
	2	3	sai	1.0	40000) 49	Managem	ent 3		1.0	40000	49	9 Manage
	3	4	dash	1.0	5000	32	Sa	les 4		1.0	5000	32	2 \$
	4	5	maha	3.0	50000	28	Supp	ort 5		3.0	50000	28	3 Su
	5	6	obul	6.0	20000	35	Sa	les 6		6.0	20000	35	5 5
	6	8	sam	2.0	34000) 18	supp	ort 8		2.0	34000	18	3 su
	4												•

In []: 1