In [3]:
```
import pandas as pd
import numpy as np
df = pd.read_csv("dataset4.csv")
print(df)
```

```
       Name   Place  Designation  Salary  Gender    Status
0      Sanvi    Pune      Manager  100000  female    single
1  Mrunmayee    Pune  Sr. Manager  150000    male   married
2     Jayesh  Nashik      Manager   90500    male    single
3      Gouri  Nashik  Sr. Manager  100500  female   married
4     Mahesh    Pune   Supervisor   85000    male    single
5     Pranav    Pune      Manager  100000    male  divorced
6    Saksham    Pune  Sr. Manager  150000    male    single
7       Raja  Nashik      Manager   90500    male   married
8      Sunil  Nashik  Sr. Manager  100500    male    single
9      Radha    Pune   Supervisor   85000  female  divorced
```

In [10]:
```
#a.     Find the total no of male and female employee
c=df[df['Gender']=='male'].count()
d=df[df['Gender']=='female'].count()
print("The no of male in this datset is:",c['Gender'])
print("The no of female in this datset is:",d['Gender'])
```

```
The no of male in this datset is: 7
The no of female in this datset is: 3
```

In [11]:
```
#b.     Find the total no of single married and divorced employee
a=df[df['Status']=='single'].count()
b=df[df['Status']=='married'].count()
c=df[df['Status']=='divorced'].count()

print("The no of single employee is:",a['Status'])
print("The no of married employee is:",b['Status'])
print("The no of divorced employee is:",c['Status'])
```

```
The no of single employee is: 5
The no of married employee is: 3
The no of divorced employee is: 2
```

In [6]:
```
#c.     Find the employee ID who is manager
kd=df[df['Designation']=='Manager'].count()
print("The no of employees who are managers is: ",kd['Designation'])
```

```
The no of employees who are managers is:  4
```

In [12]:
```
#d.     Find the all employee ID who is Supervisor
nr=df[df['Designation']=='Supervisor'].count()
print("The no of employees who are Supervisor is: ",nr['Designation'])
```

```
The no of employees who are Supervisor is:  2
```

In [27]:
```
#f.     Find the name of employee who is working as manager and from Pune
rn=df[(df['Designation']=='Manager') &
(df['Place']=='Pune')].count()
print("name of employee who is working as manager and from pune:",rn['Designation'])
```

```
name of employee who is working as manager and from pune: 2
```

In [25]:
```
#e.     Clean the dataset if record is empty with 0 values or delete incomplete data row
df.fillna(0, inplace=True)
df.dropna(inplace=True)
print("Dataset after cleaning & deleting incompleting data row is:\n ",df)
```

```
Dataset after cleaning & deleting incompleting data row is:
          Name   Place  Designation  Salary  Gender    Status
0      Sanvi    Pune      Manager  100000  female    single
1  Mrunmayee    Pune  Sr. Manager  150000    male   married
2     Jayesh  Nashik      Manager   90500    male    single
3      Gouri  Nashik  Sr. Manager  100500  female   married
4     Mahesh    Pune   Supervisor   85000    male    single
5     Pranav    Pune      Manager  100000    male  divorced
6    Saksham    Pune  Sr. Manager  150000    male    single
7       Raja  Nashik      Manager   90500    male   married
8      Sunil  Nashik  Sr. Manager  100500    male    single
9      Radha    Pune   Supervisor   85000  female  divorced
```

In [41]:
```
#g.     Find the employee who’s salary is greater than 1,00,000/-
emp_grt_sal=df[df['Salary']>100000]['Name']
print("The employee who's salary is greater than 1,00,000 are:\n ",emp_grt_sal)
```

```
The employee who's salary is greater than 1,00,000 are:
  1    Mrunmayee
3        Gouri
6      Saksham
```

```
8        Sunil
Name: Name, dtype: object
```

In [ ]: