```
In [ ]: import numpy as np
         import pandas as pd
In [ ]: df = pd.read_csv("employee.csv")
In [ ]: df.head()
Out[ ]:
           Empid Name Salary
        0
               1 Smith
                          5000
         1
               2 Jones
                          6000
         2
                          4000
                   Harry
                          5000
         3
                    Jem
         4
               5 Sylvia
                          4000
In [ ]:
        df
           Empid
                   Name Salary
Out[ ]:
         0
                    Smith
                           5000
               1
                           6000
         1
                    Jones
         2
               3
                           4000
                    Harry
         3
                           5000
                    Jem
         4
                           4000
                    Sylvia
         5
                           4000
               6 Charles
         6
               7 William
                           5000
               7 William
                           5000
In [ ]: # How to remove duplicate rows
```

In []: df.drop_duplicates() # Without making changes in dataframe

```
Out[ ]:
           Empid
                   Name Salary
         0
                            5000
                1
                    Smith
         1
                2
                    Jones
                            6000
         2
                3
                    Harry
                            4000
         3
                4
                            5000
                    Jem
         4
                5
                    Sylvia
                            4000
         5
                6 Charles
                            4000
         6
                7 William
                            5000
In [ ]: df
Out[ ]:
            Empid
                    Name Salary
         0
                            5000
                1
                    Smith
         1
                2
                            6000
                    Jones
         2
                3
                    Harry
                            4000
         3
                    Jem
                            5000
                            4000
         4
                5
                    Sylvia
         5
                6 Charles
                            4000
         6
                            5000
                7 William
         7
                7 William
                            5000
In [ ]: df.drop_duplicates(inplace = True) # Changes will be made in the dataframe itself.
         df
In [ ]:
Out[ ]:
            Empid
                    Name Salary
         0
                    Smith
                            5000
                1
         1
                2
                    Jones
                            6000
         2
                3
                            4000
                    Harry
         3
                    Jem
                            5000
                            4000
         4
                5
                    Sylvia
         5
                            4000
                6 Charles
         6
                7 William
                            5000
In [ ]: ### How to Drop Column Salary ?
         ## axis specifies row (0) and column(1)
In [ ]: df.drop(['Salary'], axis = 1, inplace = True )
```

```
In [ ]: df
          Empid
Out[]:
                  Name
        0
              1
                  Smith
        1
              2
                  Jones
        2
              3
                  Harry
        3
                  Jem
        4
              5
                  Sylvia
        5
              6 Charles
        6
              7 William
In [ ]: df.drop([4], axis = 0 )
Out[]: Empid
                  Name
        0
              1
                  Smith
        1
                  Jones
        2
              3
                  Harry
                  Jem
        5
              6 Charles
              7 William
In [ ]: df
Out[]:
          Empid
                  Name
        0
              1
                  Smith
        1
              2
                  Jones
        2
              3
                  Harry
        3
                  Jem
                  Sylvia
        4
        5
              6 Charles
        6
              7 William
In [ ]:
```