```
import pandas
In [2]:
                       Titanic={'sex':['Children','Children','Children','Men','Men','Men','Men','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Men','Men','Men','Men','Men','Men','Men','Men','Women','Women','Women','Women','Women','Women','Women','Women','Women','Men','Men','Men','Men','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Women','Wome
                                               'class': ['First','Second','Third','First','Second','Third','Crew','First','S
                                               'survived': [6,24,27,57,14,75,192,140,80,76,20],
                                               'died': [0,0,52,118,154,387,693,4,13,89,3]}
                       dFrame=pandas.DataFrame(Titanic)
                       print(dFrame)
                                                              class survived
                                                                                                          died
                                              sex
                      0
                                 Children
                                                              First
                                                                                                  6
                                                                                                                  0
                                 Children Second
                                                                                                24
                                                                                                                  0
                      1
                      2
                                 Children
                                                              Third
                                                                                                27
                                                                                                                52
                      3
                                             Men
                                                             First
                                                                                                57
                                                                                                             118
                      4
                                              Men
                                                           Second
                                                                                                14
                                                                                                             154
                      5
                                                                                                75
                                              Men
                                                             Third
                                                                                                              387
                      6
                                              Men
                                                                Crew
                                                                                             192
                                                                                                             693
                      7
                                         Women
                                                              First
                                                                                             140
                                                                                                                 4
                      8
                                         Women
                                                           Second
                                                                                                80
                                                                                                                13
                      9
                                                              Third
                                                                                                76
                                                                                                                89
                                        Women
                      10
                                         Women
                                                                Crew
                                                                                                20
                                                                                                                  3
In [9]:
                      1=[]
                       for r in dFrame.index:
                                 if(dFrame.iloc[r]['class']=='Crew'):
                                           1.append(r)
                       dFrame 2=dFrame.drop(1)
                       print(dFrame 2)
                                           sex
                                                           class survived died
                            Children
                                                           First
                                                                                                                0
                                                                                                6
                             Children Second
                                                                                              24
                                                                                                                0
                             Children
                      2
                                                           Third
                                                                                             27
                                                                                                             52
                                                           First
                      3
                                           Men
                                                                                             57
                                                                                                          118
                      4
                                           Men Second
                                                                                             14
                                                                                                          154
                                                                                             75
                      5
                                                           Third
                                                                                                           387
                                           Men
                      7
                                      Women
                                                           First
                                                                                           140
                                                                                                               4
                      8
                                      Women Second
                                                                                             80
                                                                                                             13
                                                                                             76
                      9
                                      Women
                                                           Third
                                                                                                             89
                      dFrame['Total People']=(dFrame['survived']+dFrame['died'])
In [3]:
                       print(dFrame)
                                              sex
                                                              class survived
                                                                                                          died
                                                                                                                          Total People
                      0
                                 Children
                                                              First
                                                                                                  6
                                                                                                                  0
                                                                                                                                                       6
                      1
                                 Children Second
                                                                                                24
                                                                                                                  0
                                                                                                                                                     24
                      2
                                 Children
                                                             Third
                                                                                                27
                                                                                                               52
                                                                                                                                                     79
                      3
                                             Men
                                                             First
                                                                                                57
                                                                                                                                                   175
                                                                                                             118
                      4
                                                           Second
                                                                                                14
                                                                                                                                                   168
                                              Men
                                                                                                             154
                      5
                                              Men
                                                             Third
                                                                                                75
                                                                                                             387
                                                                                                                                                   462
                      6
                                                                Crew
                                                                                             192
                                                                                                             693
                                                                                                                                                  885
                                              Men
                      7
                                         Women
                                                              First
                                                                                             140
                                                                                                                4
                                                                                                                                                   144
                      8
                                                                                                80
                                                                                                                                                    93
                                         Women
                                                           Second
                                                                                                                13
                      9
                                                              Third
                                                                                                76
                                                                                                                89
                                                                                                                                                  165
                                         Women
                      10
                                         Women
                                                                Crew
                                                                                                20
                                                                                                                  3
                                                                                                                                                     23
```

```
In [4]:
        dFrame=dFrame.drop('Total People',axis=1)
         print(dFrame)
                  sex
                        class survived
                                         died
                        First
        0
             Children
                                      6
                                             0
             Children Second
                                      24
        1
                                             0
        2
             Children
                        Third
                                      27
                                            52
                        First
                                      57
        3
                  Men
                                           118
        4
                       Second
                                      14
                  Men
                                           154
        5
                  Men
                        Third
                                     75
                                           387
        6
                         Crew
                                    192
                                           693
                  Men
        7
                Women
                        First
                                     140
                                             4
        8
                                     80
                Women
                      Second
                                            13
        9
                                      76
                                            89
                Women
                        Third
        10
                                      20
                                             3
                Women
                         Crew
In [5]:
        ais=[]
         for r in dFrame.index:
             per=(dFrame.iloc[r]['survived']/(dFrame.iloc[r]['survived']+dFrame.iloc[r]['died']
             if(per>80):
                 ais.append(r)
         dFrame.iloc[ais]
Out[5]:
                sex
                      class survived died
          0 Children
                                       0
                       First
                                  6
          1 Children Second
                                 24
                                       0
          7 Women
                       First
                                140
                                       4
          8 Women Second
                                 80
                                      13
                                 20
                                       3
         10 Women
                      Crew
```