

In [2]: `import pandas`

```
Titanic={'sex':['Children','Children','Children','Men','Men','Men','Men','Women','Women',
               'class': ['First','Second','Third','First','Second','Third','Crew','First','Second','Third'],
               '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)
```

	sex	class	survived	died
0	Children	First	6	0
1	Children	Second	24	0
2	Children	Third	27	52
3	Men	First	57	118
4	Men	Second	14	154
5	Men	Third	75	387
6	Men	Crew	192	693
7	Women	First	140	4
8	Women	Second	80	13
9	Women	Third	76	89
10	Women	Crew	20	3

In [9]: `l=[]`
`for r in dFrame.index:`
 `if(dFrame.iloc[r]['class']=='Crew'):`
 `l.append(r)`

```
dFrame_2=dFrame.drop(l)
print(dFrame_2)
```

	sex	class	survived	died
0	Children	First	6	0
1	Children	Second	24	0
2	Children	Third	27	52
3	Men	First	57	118
4	Men	Second	14	154
5	Men	Third	75	387
7	Women	First	140	4
8	Women	Second	80	13
9	Women	Third	76	89

In [3]: `dFrame['Total People']=(dFrame['survived']+dFrame['died'])`
`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	118	175
4	Men	Second	14	154	168
5	Men	Third	75	387	462
6	Men	Crew	192	693	885
7	Women	First	140	4	144
8	Women	Second	80	13	93
9	Women	Third	76	89	165
10	Women	Crew	20	3	23

```
In [4]: dFrame=dFrame.drop('Total People',axis=1)
print(dFrame)
```

	sex	class	survived	died
0	Children	First	6	0
1	Children	Second	24	0
2	Children	Third	27	52
3	Men	First	57	118
4	Men	Second	14	154
5	Men	Third	75	387
6	Men	Crew	192	693
7	Women	First	140	4
8	Women	Second	80	13
9	Women	Third	76	89
10	Women	Crew	20	3

```
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	First	6	0
1	Children	Second	24	0
7	Women	First	140	4
8	Women	Second	80	13
10	Women	Crew	20	3

```
In [ ]:
```