Practice Questions

(1) Create following data frame: Person and perform following:

Id	Fname	Lname	Gender	BasicSalary	HRA
1	Reenal	Patel	Female	40000	10%
2	Karman	Shah	Male	30000	5%
3	Pratik	Jain	Male	34000	4%
4	Pooja	Shah	Female	33000	2%
5	Hiral	Desai	Female	25000	5%
6	Bansi	Parikh	Female	20000	3%
7	Prakash	Desai	Male	34000	7%
8	Moksh	Jain	Male	22000	7%
9	Meet	Shah	Male	21000	5%
10	Preet	Shah	Male	45000	2%

1. Print internal structure of dataframe
2. Display only Fname, Gender and Salary Column data.
3. Insert column hobby to Person dataset.
4. Add new record to Person dataset.
5. Display all Person data where gender is Female.
6. Count number of persons where hobby is Reading.
7. Display only 2nd, 4th and 8th record from Dataframe.
8. Display Persona data where Fname begining with Letter 'P'.
9. Remove only 8th and 10th record from dataset.
10. Remove New added column from dataset.
11. Remove % symbole from HRA column.
12. Find Maximum salary according to gender groups.

(2) Use above data and create excel sheet import it to R studio:
i. Fetch first 5 records from dataset.
ii. Calculate Net salary from BasicSalary and HRA and display.   **(Net = Basic +HRA%+DA%, where DA%=5)**
iii. Fetch first 8 records from dataset for basicsalary only and create histogram from it.
iv. Give title, labels, color, xlim and ylim to that histogram.
v. Create scatter plot for basicsalary and HRA field for first 5 records.
vi. Give title, lables, color, xlim and ylim to scatter plot.
vii. Also add line to scatter plot.
viii. Give red color to plot points and blue color to line.