Create an artificial data set using R with following features with suitable names for each variable.

- A company has 50 employees with employee numbers 101-150
- The gender of an employee can be male or female with equal chance.
- Employees are randomly assigned to Sales department, HR department and Accounts department. The company policy is such that the chance of assigning an employee to the Sales department is twice as the chance of assigning to Accounts department and the chance of assigning an employee to the HR department is same as the chance of assigning to Accounts department.
- The salaries of the employees in the Sales department are known to be normally distributed with mean Rs. 15000/= and standard deviation of Rs.1250/=. The salaries of the employees in the Accounts department are equally likely to distribute between Rs. 15000/= and Rs.20000/=. The salaries of the employees in the HR department are normally distributed with mean Rs. 25000/= and standard deviation of Rs.2500/=. (*Round the values to the nearest integer)*

I. Give a display of first 6 observations and the last 6 observations of the data set you created using the appropriate commands.

II. Compare salaries of employee's gender wise using suitable summary statistics and graphs.

III. Compare salaries of employee's department wise using suitable summary statistics and graphs.