Experiment-8 Visualization using basic graphics

Use the newsurvey data obtained by cleaning 'na' values in survey data of MASS package to do the following:

1. Plot a bar graph for the number of male and female participants in the survey. Provide the title as "Male and Female participants", y-axis label as "frequency" and specify the colours for the bars.
2. Plot a bar graph for the number of left handers and right handers in the survey. Provide the title as "Left Handers and Right Handers", y-axis label as "count" and specify the colours for the bars.
3. Plot the distribution between male left handers and female left handers using bar chart. Provide the title as "Female Left Handers and Male Left Handers , y-axis label as "count" and specify the colours for the bars.
4. Draw the distribution of smoking habits of male left handers using pie chart.
5. Draw the histogram of age distribution with the title as 'Age distribution' and xlabel as 'Age range' and ylabel as 'frequency'.
6. Plot the density distribution of age distribution with title as 'Age distribution' and xlabel as 'Age range' and ylabel as 'density'.
7. Create a suitable grid for projecting the multiple charts obtained earlier.
8. Reveal the relationship between the age and writing hand span using scatter plot.
9. Plot the relationship between age, height and writing hand span in a single chart.
10. Plot the relationship between height and writing hand span
11. Plot the relationship between height and writing hand span based on gender and left and right handers.
12. Draw the boxplot for pulse rate to analyse the five summary statistics. Provide appropriate title and label.