1. Designing the graphic from scratch with the `grid` graphics package, make a scatterplot of Volume versus Girth in the built-in `trees` data frame. Be sure to include axes and axis labels.

2. Again designing from scratch with the `grid` graphics package, write a script that will make a bar chart of some data given in variables named `myLevels` and `myCounts`, using colors stored in a variable named `myColors`. To allow me to try this out, place the following definitions in your script:

   ```r
   myLevels <- c("fish", "squirrel", "bird")
   myCounts <- c(5, 2, 3)
   myColors <- c("red", "blue", "springgreen")
   ```

   However, note that your script should also work for other such vectors. (Don’t worry about extreme cases where the vectors are not defined correctly, or where they are so numerous that the display won’t accommodate them, etc. Just produce a script that will make a bar chart for reasonably nice data vectors.)

Note that to change the color of a rectangle in `grid`, use `gp=gpar(fill="myColor")` inside the `grid.rect()` function.