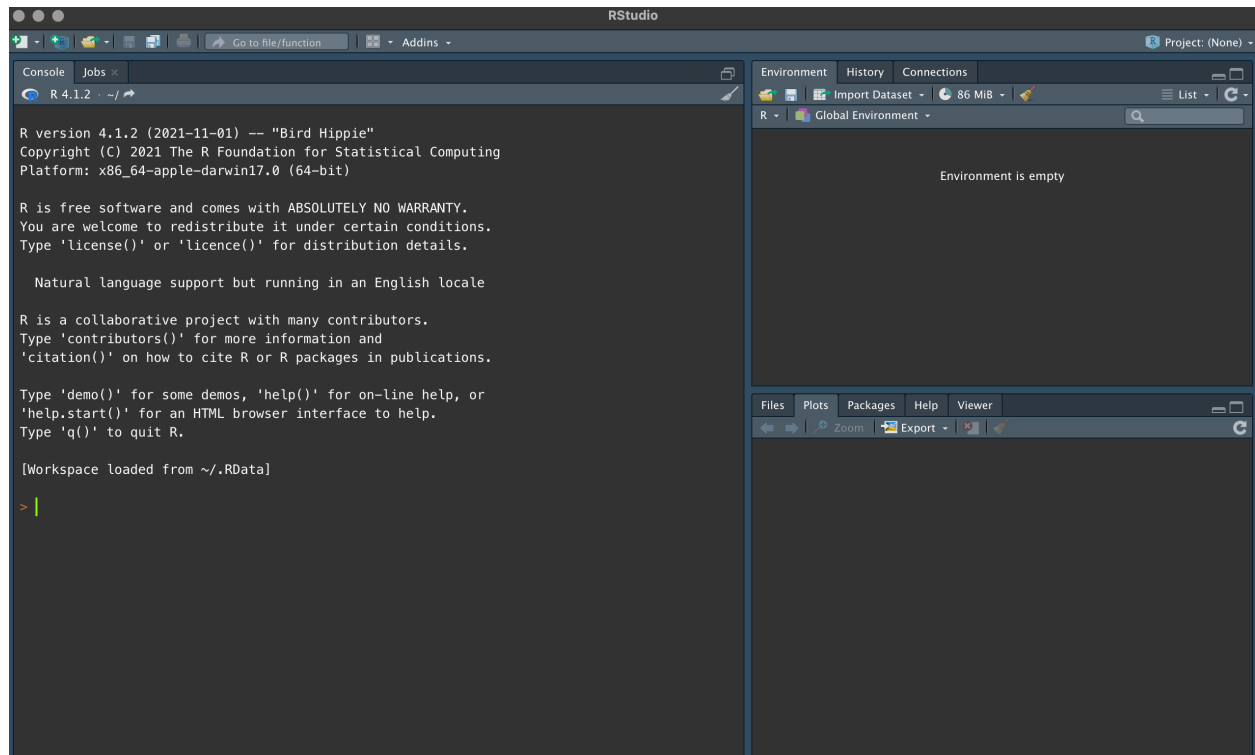


Before Tuesday class, you should have R and R studio installed on your computer. If you've never worked with R, follow these steps.

- Download R: <https://repo.miserver.it.umich.edu/cran/>
- Download RStudio: <https://www.rstudio.com/products/rstudio/download/>

Open RStudio, it should look something like this (though probably in a different color scheme):

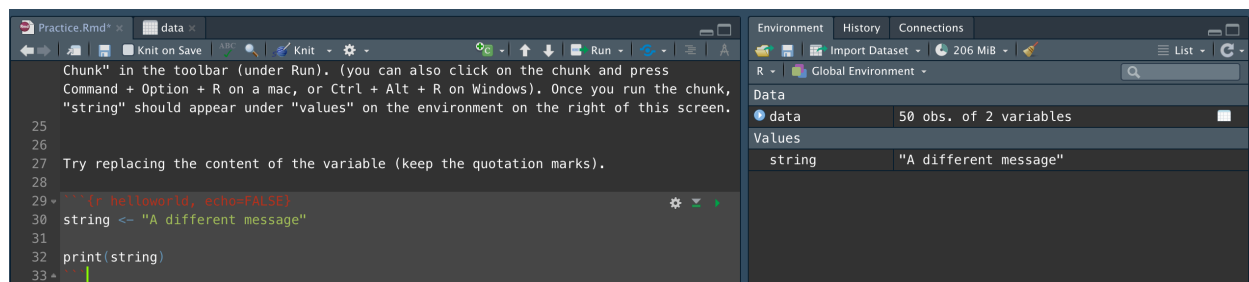
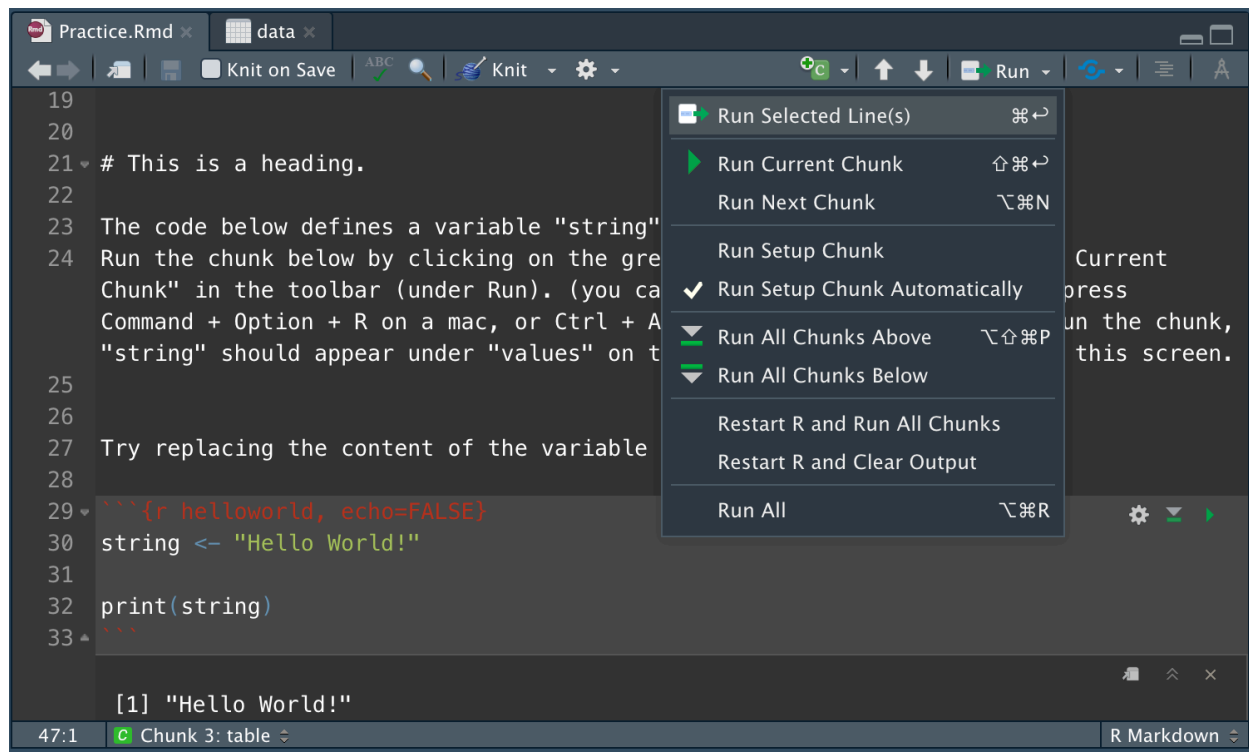


You will also need to install the following packages (for now). You can type the following directly into the console, and then press enter:

```
install.packages("tidyverse")  
install.packages("jsonlite")
```

```
Type 'demo()' for some demos, 'help()' for on-line help, or  
'help.start()' for an HTML browser interface to help.  
Type 'q()' to quit R.  
  
[Workspace loaded from ~/.RData]  
  
> install.packages("tidyverse")  
install.packages("jsonlite")
```

Once you have RStudio running, you should download the Practice.Rmd from the Module and open it. You should be able to follow along with the short file, here are some screen-shots to assist:



```
```{r table, echo=FALSE}
data <- cars

head(data)
```
```

Description: df [6 × 2]

| | speed
<dbl> | dist
<dbl> |
|---|----------------|---------------|
| 1 | 4 | 2 |
| 2 | 4 | 10 |
| 3 | 7 | 4 |
| 4 | 7 | 22 |
| 5 | 8 | 16 |
| 6 | 9 | 10 |

```
``{r pressure, echo=FALSE}  
data %>%  
  ggplot(aes(x=speed, y = dist))+  
  geom_point()+  
  labs(title="Change in stopping distance with an increase in car speed")  
``
```

