

## Assignments & Submissions

### Expectations

It is important to keep things organized in this class. Check to see how to set up an R-project, where all of your R work can be stored in one spot. Another option is to make a file for this class on your computer, where you will store data, assignments, labs, and your R files.

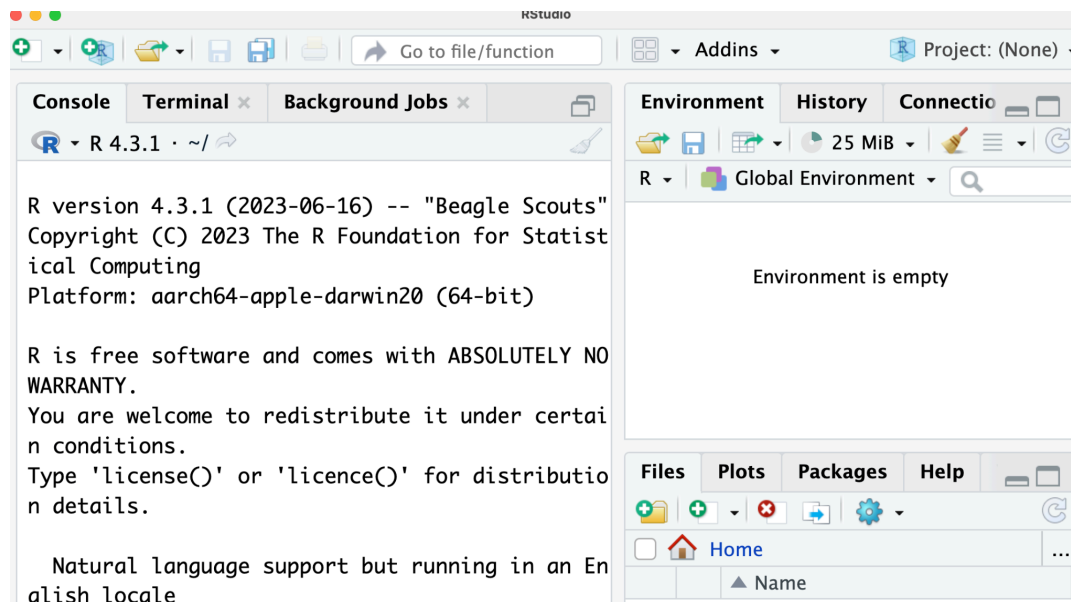
Assignments will be graded by your teaching assistant. It is your responsibility to **ensure your final answer is clear**: Highlight and bold your answer in a light blue color, and show your work if you want to receive partial credit. **Submitting only an R script is not acceptable**. I strongly suggest using R Markdown so that all outputs are visible after running the code, and you can submit that as your PDF.

**Acceptable ways to submit your assignments**: You can download the .docx file for assignments on Canvas and submit it as a PDF when you are done. You can also use an R-markdown file and knit it as a PDF, then submit that **PDF**.

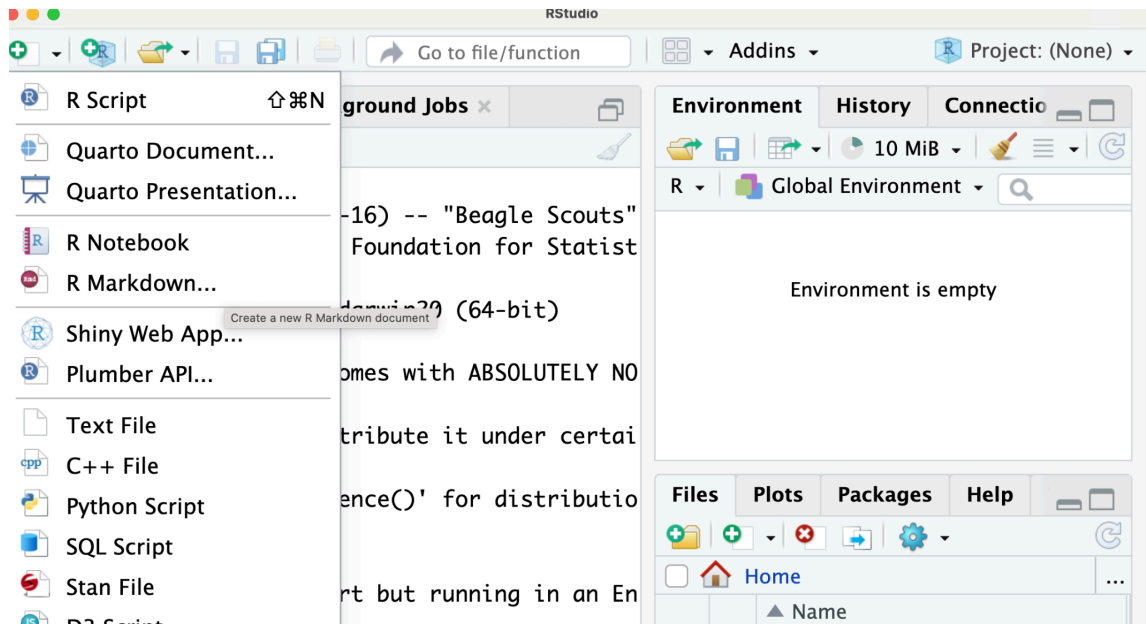
### Using R Markdown

You might be unfamiliar with R-markdown; it is similar to RStudio. Here is how to do it:

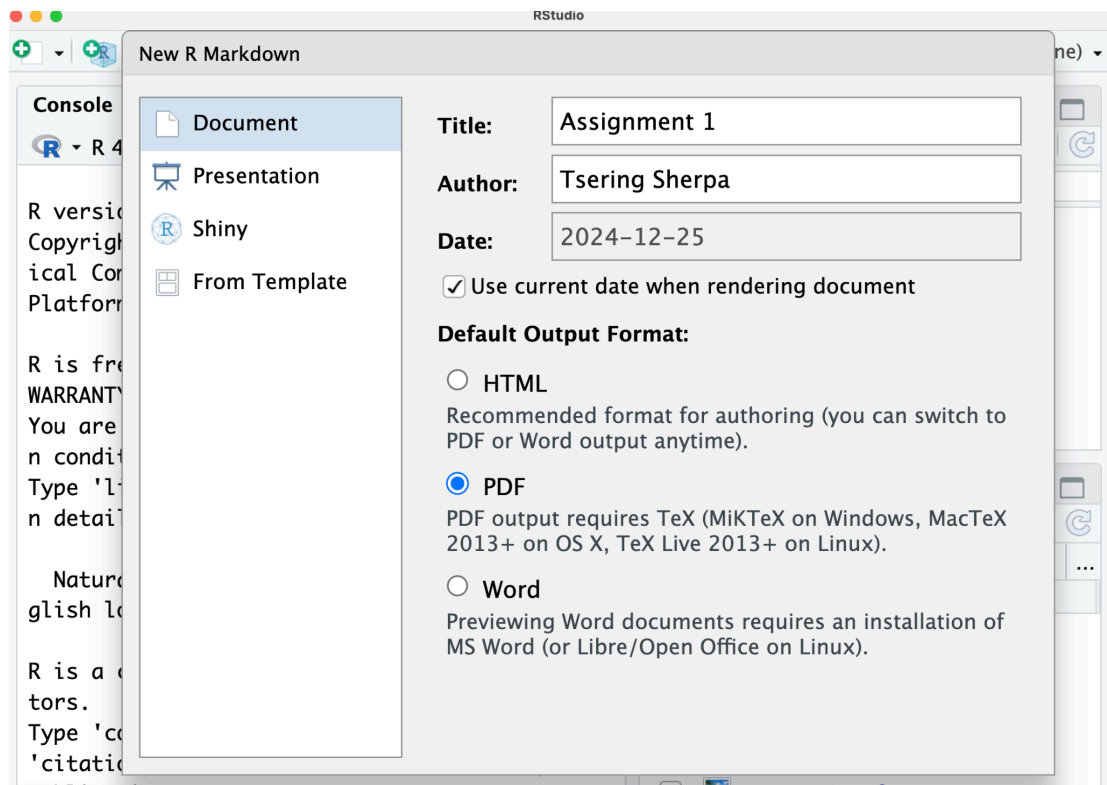
1. Once you've successfully gotten R up and running, you will open the downloaded app on your computer and see something like this:



2. Click on the very top left corner of the R app, the new page button. It is the white page with the green “+” sign on it. You will want to press “R Markdown” on the left side of your screen. A new page will appear.

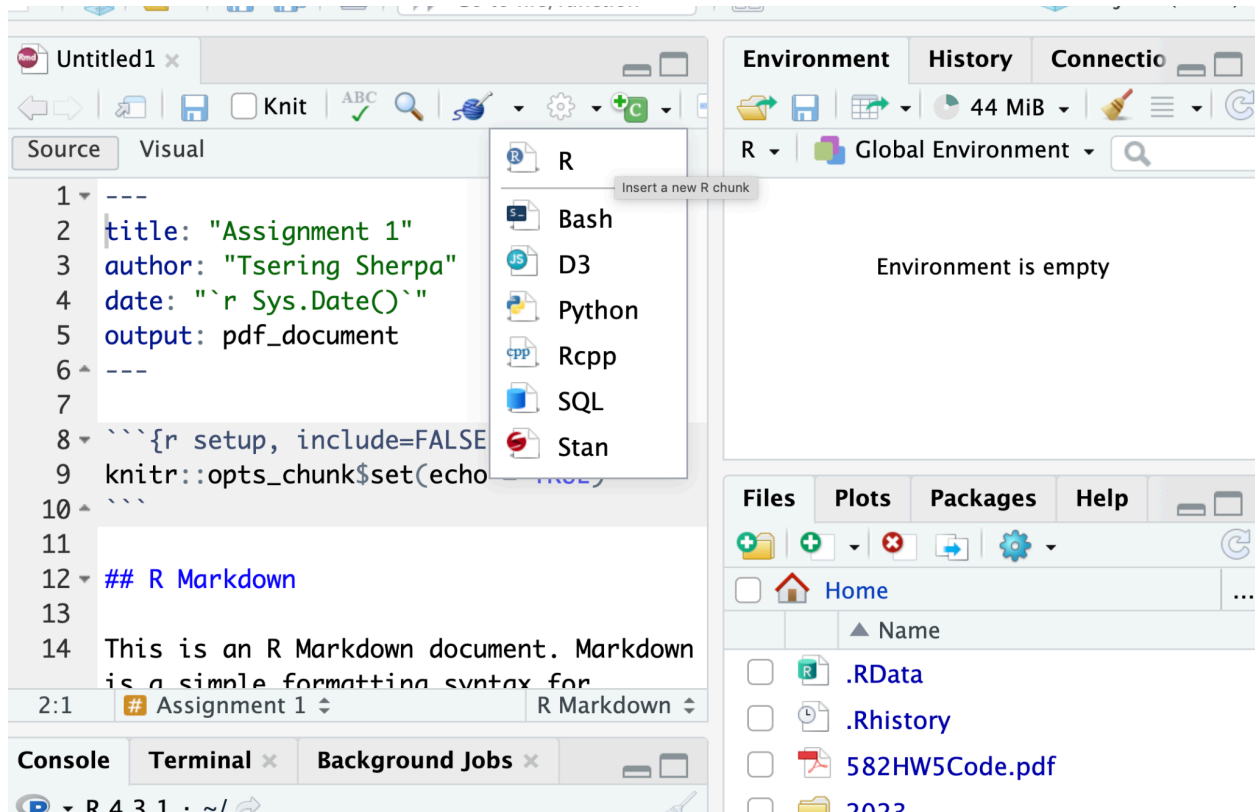


- Once you press “R Markdown”, the new page comes up. You can give it a title, your name should automatically be filled in as “Author,” and so will the date. Press “Ok” at the bottom of the page. **Make sure to press “PDF” for the “Default Output Format”.**



- Now you should have a new R Markdown script! Go to the green “C” box with a “+” symbol on it and press the first option, “R”, to start writing R code. Note that you can

hashtag (#) comments out. This allows you to write down explanations or answers if needed.



5. Once you are done with your assignment, you can hit the yarn ball with a knitting needle symbol at the top of the page. It will knit your work to a PDF, and then you're set to turn in your assignment. Note: if it doesn't want to knit, it usually indicates that there is an error in your R code. The main thing to know: **when you hit knit, the code runs from the beginning as if it were the first time the code is run; nothing in the console is included.**
6. Common errors with knitting:
  - a. People don't hit the arrow on the yarn barn and select the "word" option. Just hitting PDF doesn't work without additional steps (that are not covered in this course).
  - b. People forget to set the working directory: `setwd()` must be in the R-markdown code.
  - c. Changing variable names and not updating them if your old one appears in the code later: If you rename a variable, everything referring to the old variable name should be deleted or changed to the new name as well.

## Grading

- Make your final answer clear. If you only write your final answer, you **receive full credit if it is correct and no credit if it is incorrect.**

- Partial credit is given if you show your work and it looks like you were on the right track, but made a small error somewhere.
- For problems with rounding: If your answer is close to the correct decimal points but not fully correct, you can receive **some** credit. If your answer is completely off, then no credit is given.
- If you submit an assignment that looks the same as another classmate's or it seems like AI was used, this will be noted, and you will receive a warning or penalty.
- **Regrade Requests:** Graders reserve the right to regrade everything again, which could mean loss of additional points. Regrade requests are typically acceptable if an actual grading mistake or calculation error occurred.