

RStudio lab assignment: Account and packages



[\[How to submit an assignment\]](#) **(Otherwise 0 or -10)**

1. Click “File” → “Make a copy.”
2. Rename the file name. Delete the “Copy of” part. It must be “your last name and the name of the assignment.” For example, “Smith Calendar assignment.” **(otherwise -5)**
3. Put this file under your main Google Drive folder → Relevant week subfolder **(otherwise no credit)**.
4. Before the submission, make sure the file is under the relevant week subfolder. [Otherwise, move it.](#)
5. To submit this assignment, click “Start Assignment” on Canvas → Choose Google Drive (LTI 1.3) (Make sure you log in with your CSUMB credentials) → “Select file” → “MY DRIVE” → Your class folder → Relevant week → Assignment file → “Add” → “Attach” → “Submit Assignment”

The video below shows how to complete this assignment from start to finish. Watch the video and read the instructions together.

[\[VIDEO INSTRUCTIONS\]](#)

General instructions

This class will teach you how to use RStudio. You will be able to use this software on your browser.

You need to have a RStudio (Posit) Cloud account. The new name of RStudio Cloud is Posit. We will use the name of RStudio Cloud and Posit interchangeably.

Note: Lab lectures are listed in Table 3 (Course schedule), with topics beginning with “RStudio.” Students should arrive in the classroom at least **5 minutes early** on lab days to:

- log in to the lab computer,
- log in to RStudio Cloud (Posit), and
- log in to Canvas.
- download the script file, and
- run the packages and data codes.

Assignment instructions

- 1) Go to <https://posit.cloud/plans/free> (make sure you choose “free account”)
- 2) Click on “Sign up” (**Do not use “Sign up with Google”**)
- 3) Use your school email address
- 4) Put a password (at least 10 characters). You will paste your password in the next step on this document and on the Canvas comment section, so keep it. As you see I will have access to your password. That's why you should not use this password somewhere else. You **must**:
 - a) Use upper and lower case letters
 - b) Use numbers
 - c) Use special characters

I recommend [Bitward Free Password Generator](#).

Your password's score: **strong** Estimated time to crack: **centuries**



Type
☒ Password ☐ Passphrase

Additional Options
☒ A-Z ☒ a-z ☒ 0-9 ☒ !@#\$\$%^&*

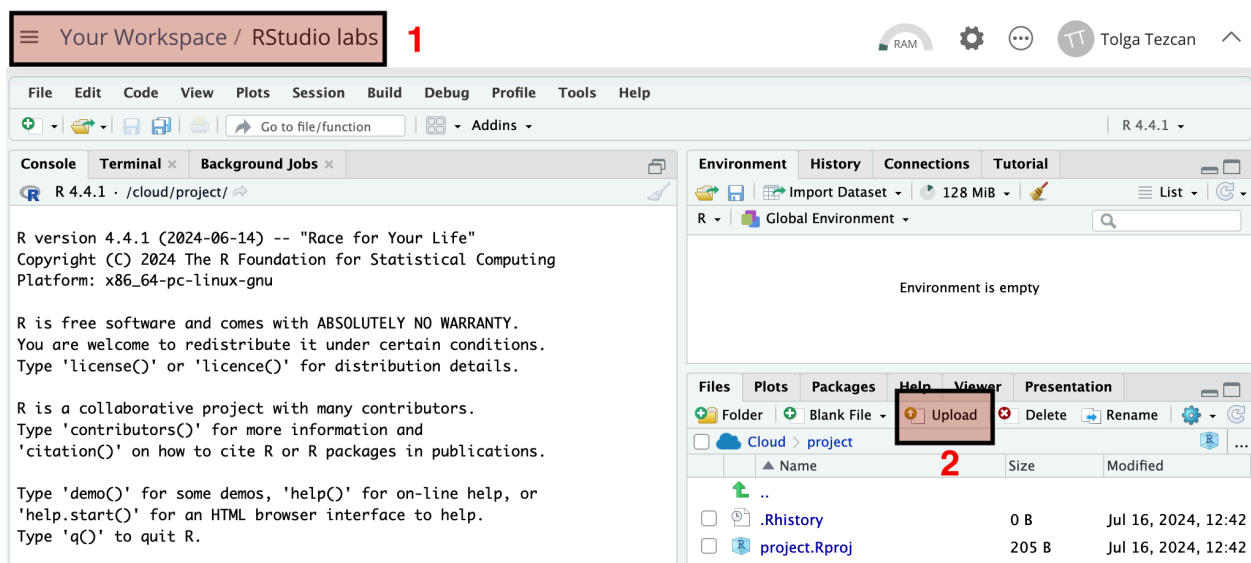
Characters: 14



Paste your information (30 points)

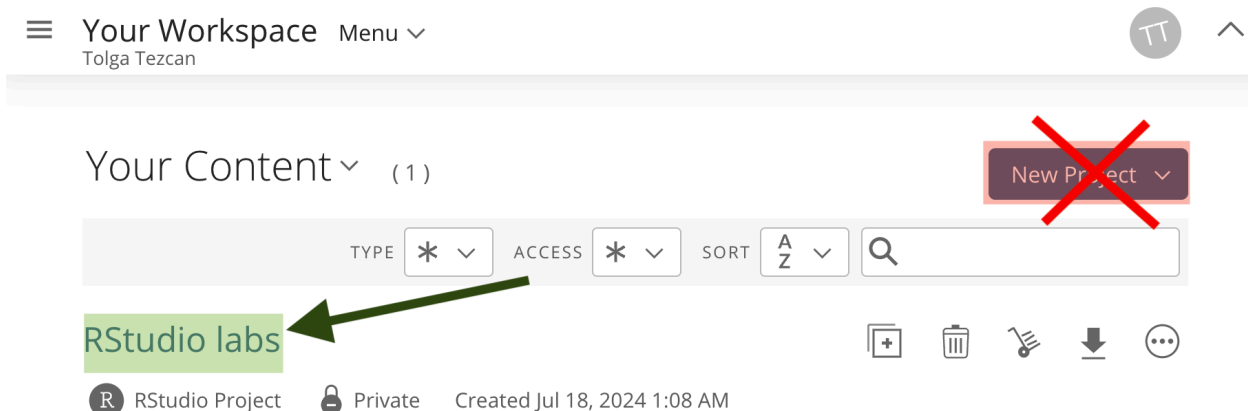
Paste your school email address here (15 points):	tolgatezcantest1@gmail.com
Paste RStudio Cloud password here (15 points):	62@t@mXzWJ

- 5) Type your first and last name.
- 6) When you click “Sign up” you will receive an email for verification.
- 7) Go to your school email inbox and click “Verify.”
- 8) You will be directed to Go to <https://posit.cloud>. If not, click on the link.
- 9) Click on “New project” → “New RStudio Project.”
- 10) Wait for a minute or so until you see the screen below:



- 11) Click on “Untitled Project” (see highlighted part #1) and type “RStudio labs”.

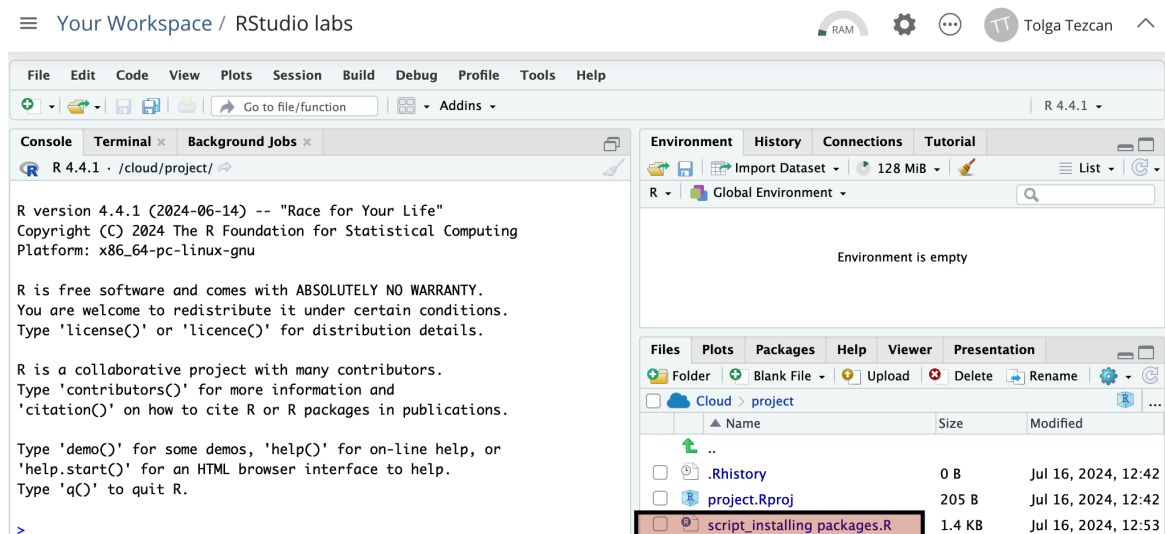
Note: In previous semesters, many students **mistakenly** created a separate project for each lab. This is incorrect. You will not create a new project for each lab. Instead, you will always work within the existing 'RStudio Labs' project throughout the course.



12) Go to Canvas → Resources module page → “Lab resources” → “All script files” → Click on “Installing the packages” and download this file. [“All script files” is here](#) for your convenience.

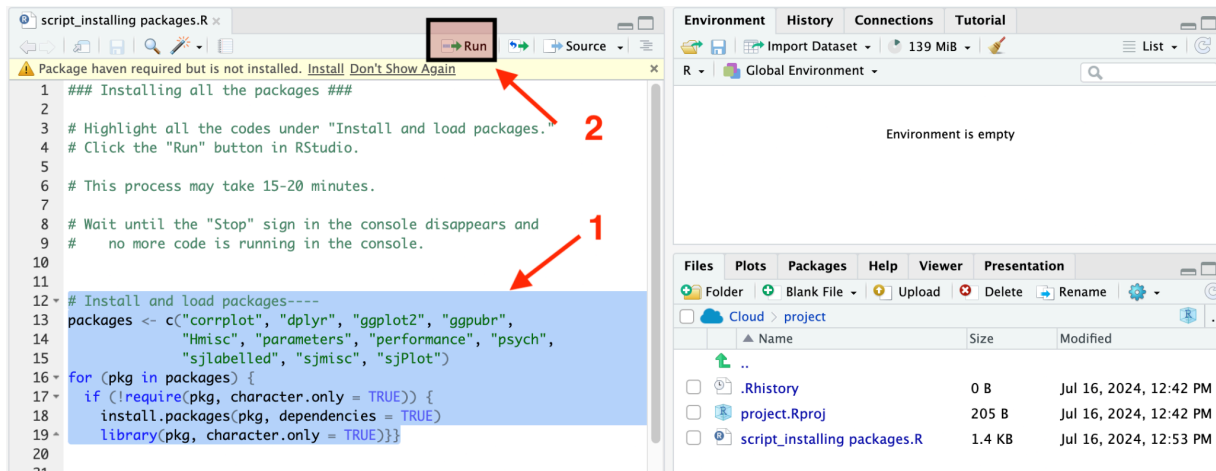
13) On <https://posit.cloud>, click “Upload” (see highlighted part #2 above). Click “Choose File.” Find the RScript file you just downloaded (script_installing_packages.R) in the previous step and click “Open.”

14) It’s under the “Files.” Click on the highlighted area (see below)



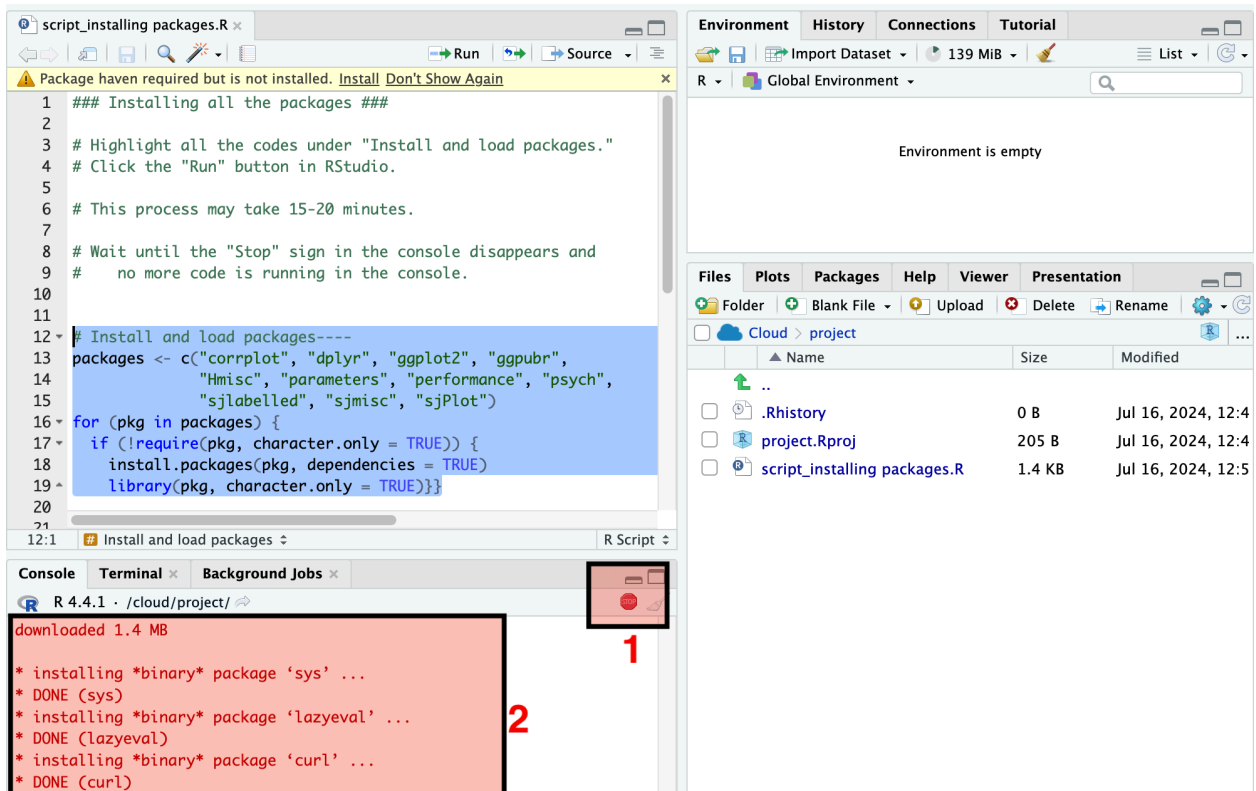
15) When you click on “script_installing_packages.R,” you will see the screen below.

16) Highlight all the lines under the “Install and load packages” (#1) and click run (see the highlighted part #2).

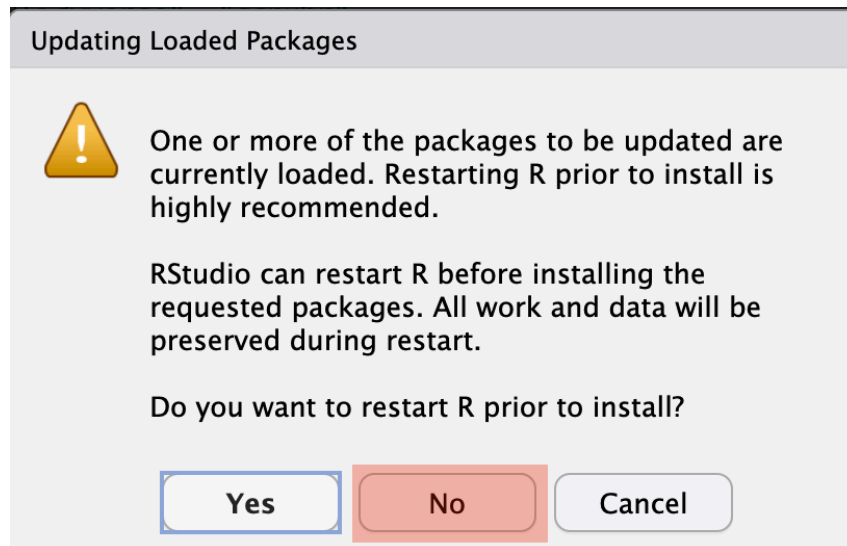


17) This process will install all the packages we'll be using throughout the semester. This process may take 15-20 minutes or shorter depending on your internet connection.

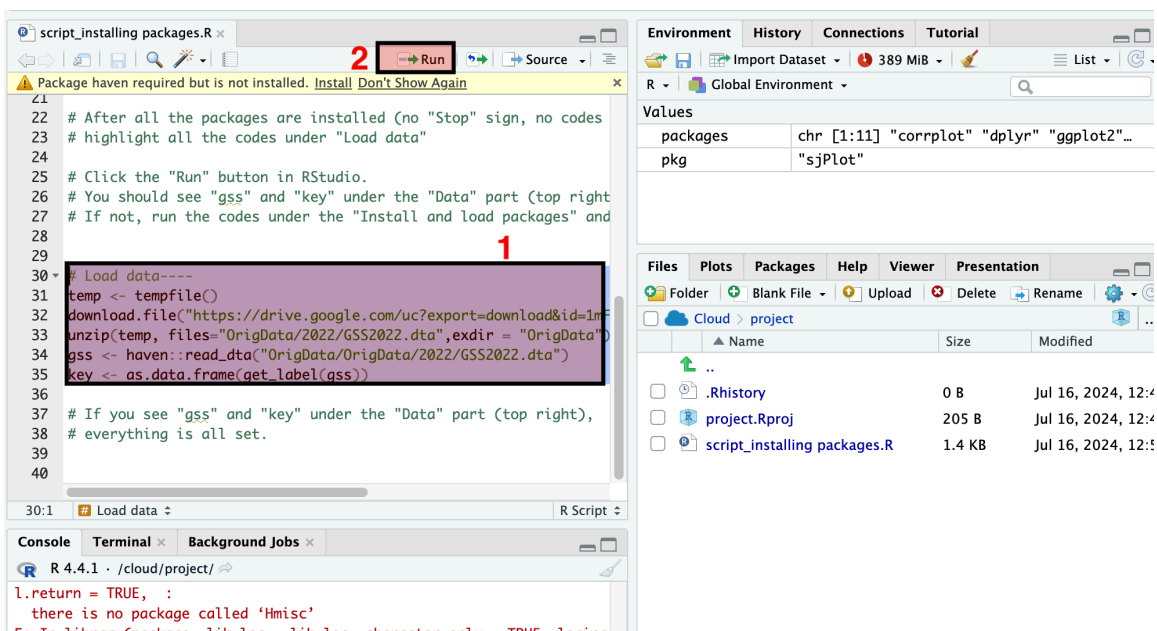
18) You will see a STOP sign (see the highlighted part #1) and codes are running in the console (see the highlighted part #2). You should **wait** until the "STOP" sign in the console disappears and no more code is running in the console.



During this process, if you see the pop-up window above (Updating Loaded Packages), click “No” every single time.

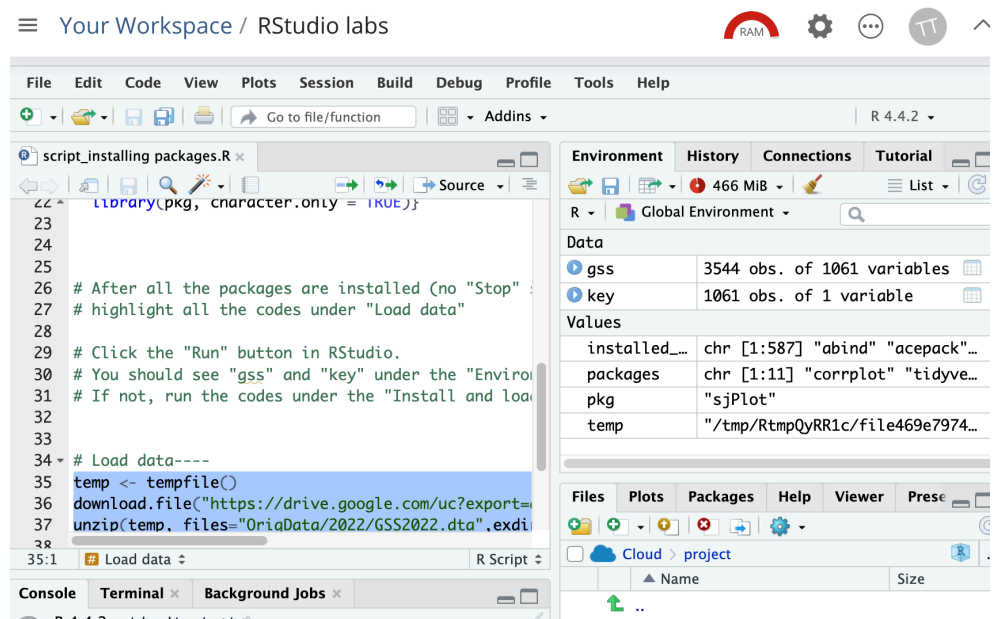


- 19) When the process above is completed, scroll down on the script file. Highlight all the lines under the “Load data” (#1) and click run (see the highlighted part #2).



- 20) When the process above is completed, you should see “gss” and “key” under the “Environment” part. Delete the sample image below, [take a screenshot](#) and paste the screenshot of your view (50 points).

Screenshot (50 points):



- 21) Finally you will paste your school email address and RStudio Cloud password to this assignment’s Canvas comment section in this format (20 points):

email:

[youremailaddress@school.edu](#) (replace it with your email address)

password:

My1pass#2word (replace it with your password)

It should look like this:

Submission Details

Grade: / 100

[fw] RStudio lab assignment: account and packages

Test Student submitted Jul 16 at 3:27am

Re-submit Assignment

RStudio lab assignment account and packages.docx 2.15 MB

View Feedback

email:
ttezcan@csumb.edu

password:
My1pass#2word