

Lecture 4.2 – Managing Citations with R Markdown

Specific Learning Objectives:

2.2.1 – Create reproducible scripts in R.

2.2.4 – Create and use Notebooks and documents using R Markdown.

3.7.2 – Practice reading and understanding scientific papers and grant proposals.

Check Your Understanding

Which of the following DO NOT represent instances of plagiarism?

a) Student copies information from a website and cites the webpage properly.

b) Student paraphrases information from a website and cites the webpage properly.

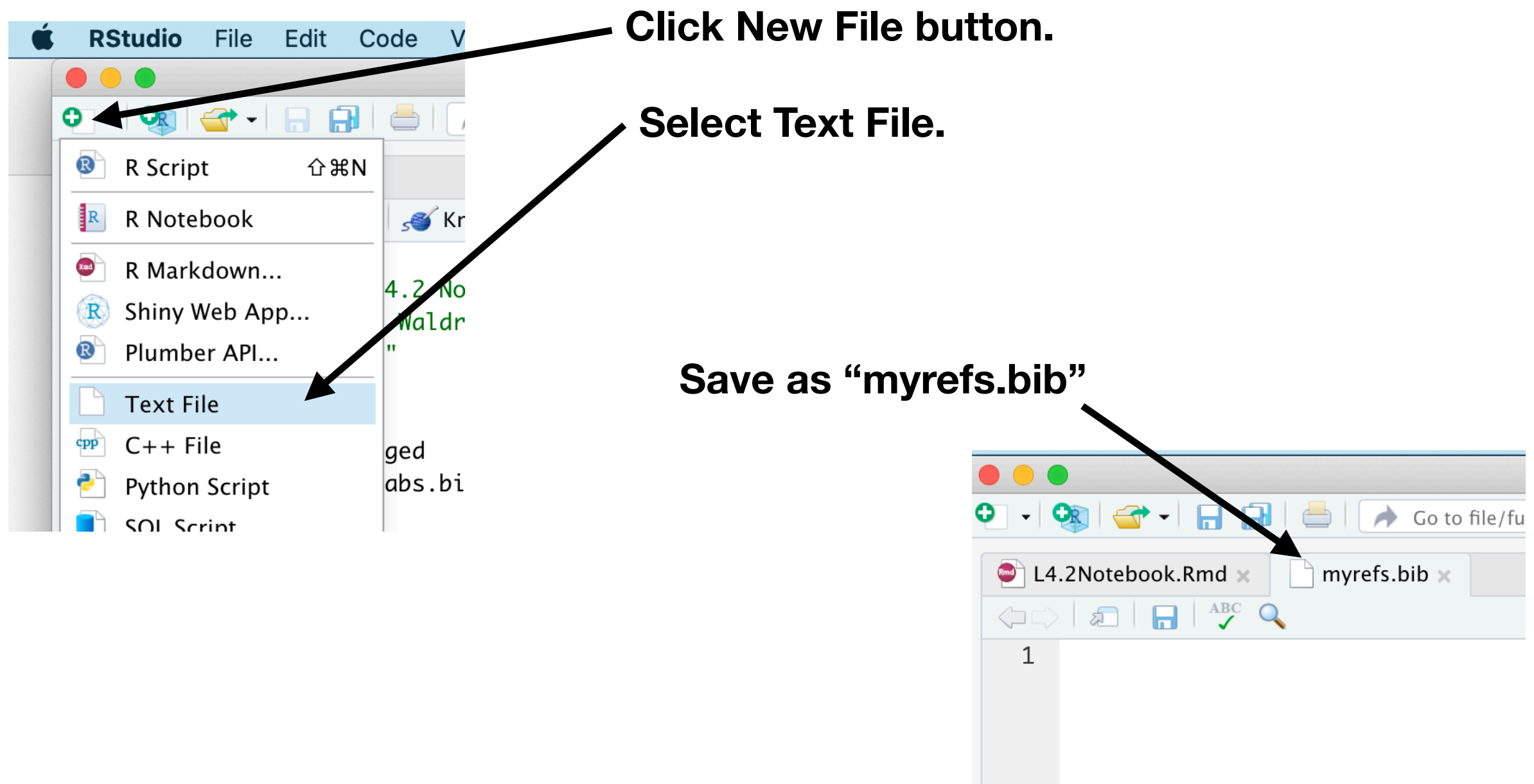
c) Student copies information from a website and does not cite the website.

d) Student copies information from a website and changes 40% of the words in the text so that a plagiarism checker does not detect plagiarism.



Saving Citations in BibTeX Format

- Pandoc takes reference information in BibTeX format to automatically make reference lists and in-text citations.
- Create a new text file and save it with a .bib file extension:



Saving Citations in BibTeX Format

- Find a reference you'd like to save in Google Scholar by searching:

scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=crabs&btnG=

Canvas My Drive - Google... My Chapman SAP Concur Home LearnUpon Overleaf PCard Works

Google Scholar crabs

es About 485,000 results (0.02 sec)

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!021

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1 range...

[BOOK] Biology of the land crabs

WW Burggren, BR McMahon - 1988 - books.google.com

Interest in land crabs has burgeoned as biologists have increasingly focused on the evolution of terrestriality. Before the publication of McMahon - 1988 - books.google.com as burgeoned as biologists have increasingly focused on the evolution of terrestriality. Before the publication of t y. Before th source of in ed by 340

☆ Save

Cite

Cited by 340

Related articles

Click the Cite button at the bottom of your reference

Cite

MLA Burggren, Warren W., and Brian R. McMahon, eds. *Biology of the land crabs*. Cambridge University Press, 1988.

APA Burggren, W. W., & McMahon, B. R. (Eds.). (1988). *Biology of the land crabs*. Cambridge University Press.

Chicago Burggren, Warren W., and Brian R. McMahon, eds. *Biology of the land crabs*. Cambridge University Press, 1988.

Harvard Burggren, W.W. and McMahon, B.R. eds., 1988. *Biology of the land crabs*. Cambridge University Press.

Vancouver Burggren WW, McMahon BR, editors. *Biology of the land crabs*. Cambridge University Press; 1988 Apr 29.

BibTeX

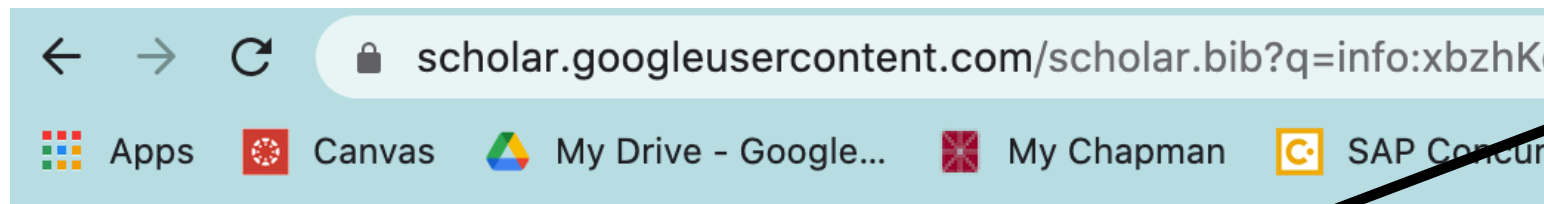
EndNote

RefMan

RefWorks

Click the BibText link.

Saving Citations in BibTeX Format

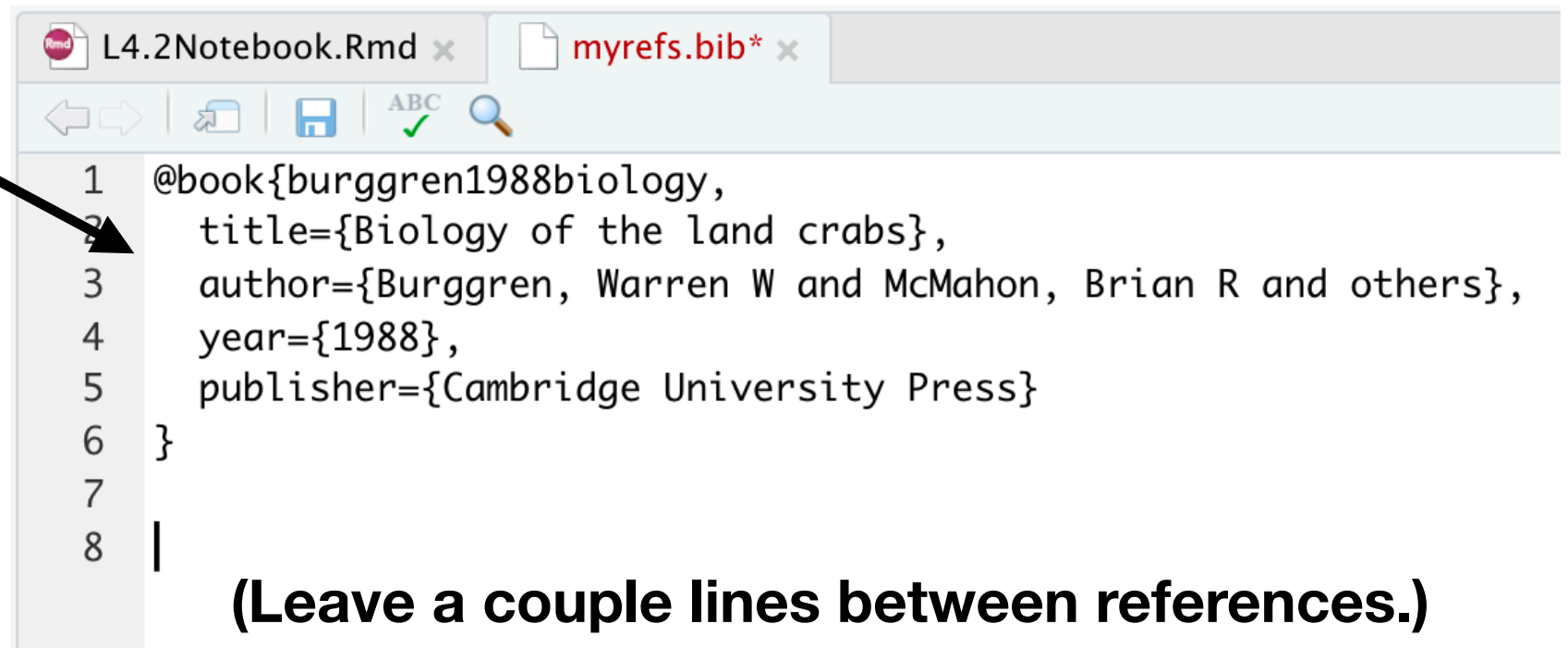


Copy the text.

```
@book{burggren1988biology,  
  title={Biology of the land crabs},  
  author={Burggren, Warren W and McMahon, Brian R and others},  
  year={1988},  
  publisher={Cambridge University Press}  
}
```

Paste the text into your bib file.

Save the file!!



(Leave a couple lines between references.)

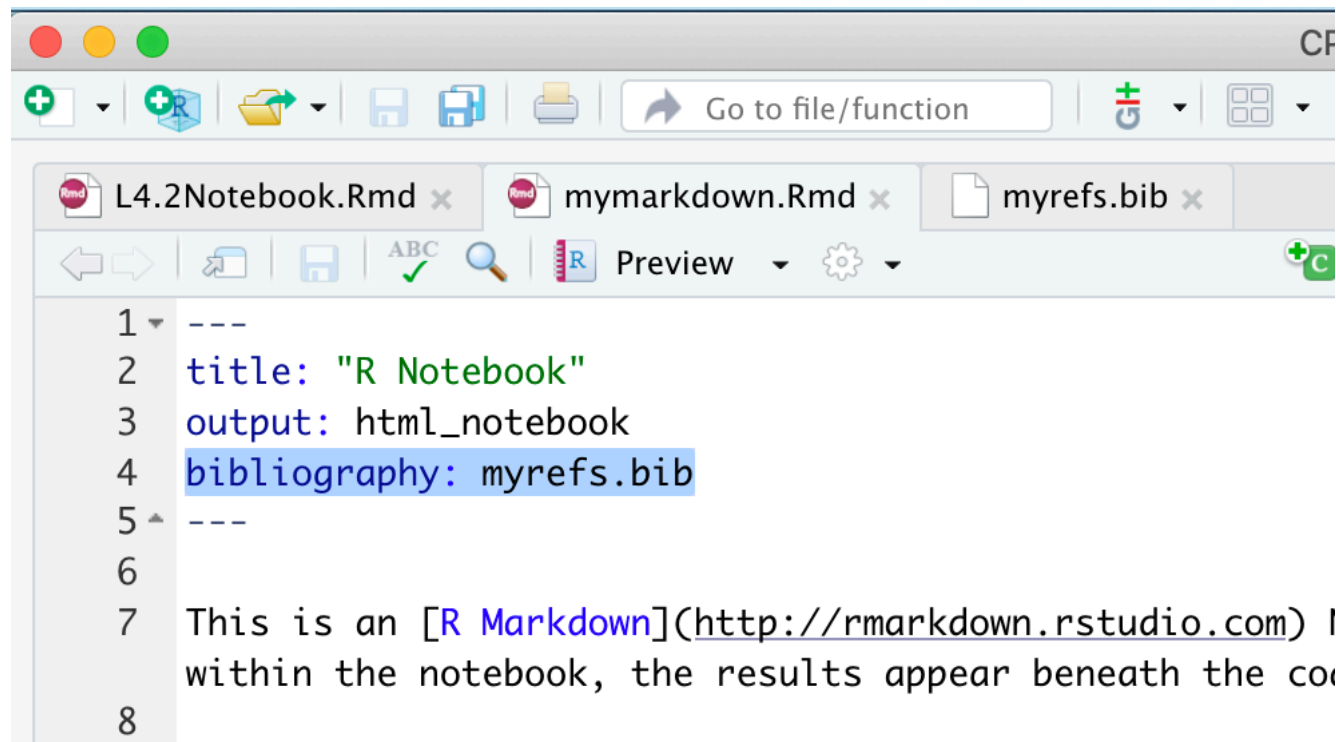
Check Your Understanding

**Add three more citations to your `myrefs.bib` file from Google Scholar.
Don't forget to save it!**

Using a Bib File in R Markdown

- To use a bib file as your bibliography, add it to the header on its own line:

`bibliography: myrefs.bib`

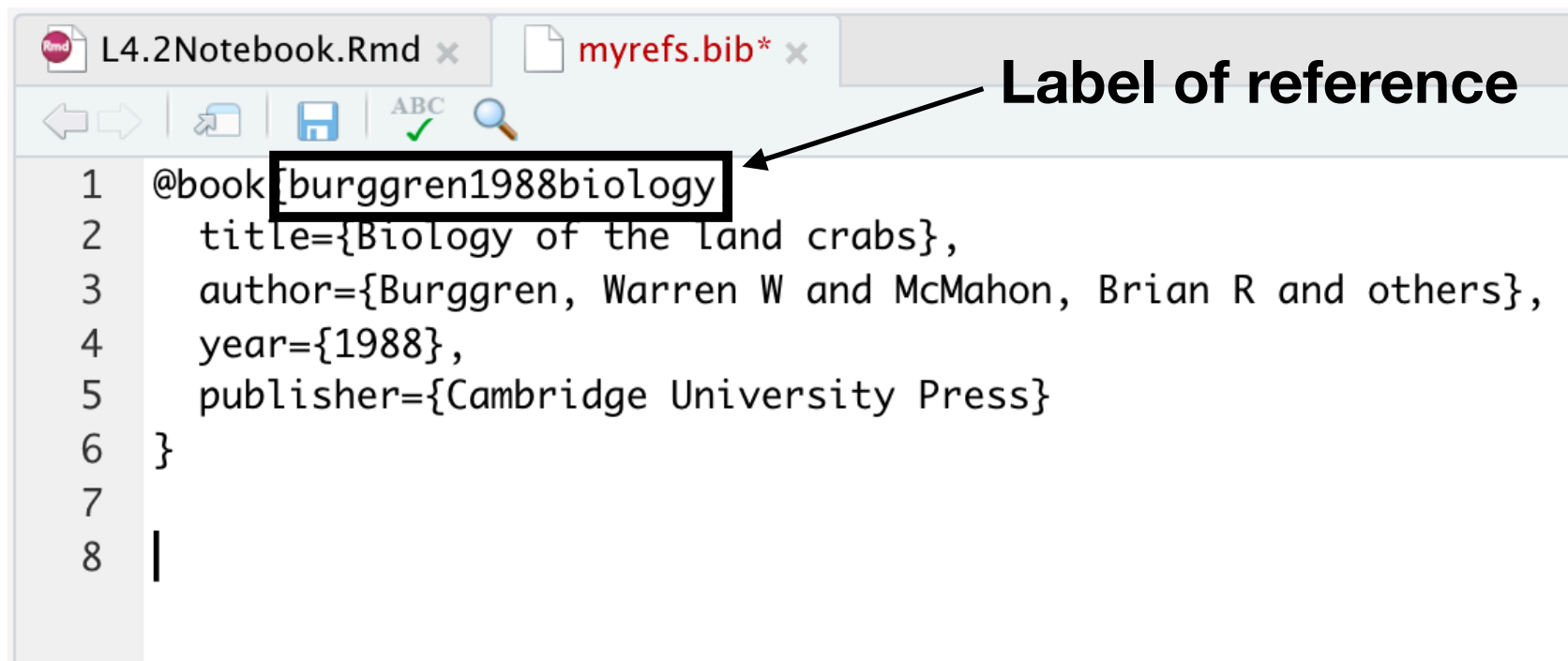


```
1 ---
2 title: "R Notebook"
3 output: html_notebook
4 bibliography: myrefs.bib
5 ---
6
7 This is an [R Markdown](http://rmarkdown.rstudio.com) I
8 within the notebook, the results appear beneath the co
```

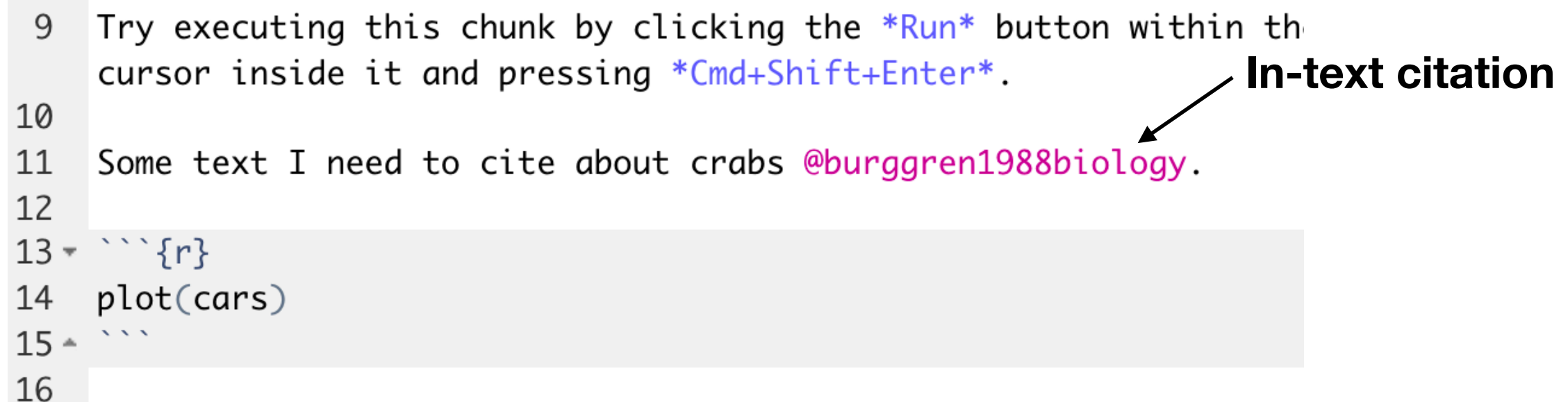
Be sure to save myrefs.bib in the same folder as the RMD file!

Citing a Reference in your Bib File

- Add an in-text citation using the @ symbol and the label of the reference in a text component (NOT a code chunk!)



```
L4.2Notebook.Rmd x myrefs.bib* x
1 @book{burggren1988biology
2   title={Biology of the land crabs},
3   author={Burggren, Warren W and McMahon, Brian R and others},
4   year={1988},
5   publisher={Cambridge University Press}
6 }
7
8 |
```



```
9 Try executing this chunk by clicking the *Run* button within th
10 cursor inside it and pressing *Cmd+Shift+Enter*.
11 Some text I need to cite about crabs @burggren1988biology.
12
13 ```{r}
14 plot(cars)
15 ```
16
```


Check Your Understanding

Cite each of your references in your RMD file. Give each a different in-text format (with parentheses, date only, etc). Make sure that each shows up as an in-text citation and at the end reference list.

Check Your Understanding

Change the format of your reference style to the `jeb.cs1` file on your RMD file.

Then, download a csl file from Zotero from your favorite journal and change your RMD reference style to that format.

In-class Exercises

1. Complete Assignment 4.2.

Action Items

1. **Complete Assignment 4.2.**