Compiling a report from an R script

1   What is compiling?

To produce a report from R data analysis, we need some steps to get graphics and tables together in a report. Compiling a report can be handy to capture all outputs. It is a hidden gem in RStudio. Compared to Rmarkdown, compiling a report is extremely fast and simple.

2   Compiling a report

2.1   Disable the potential error-causing code
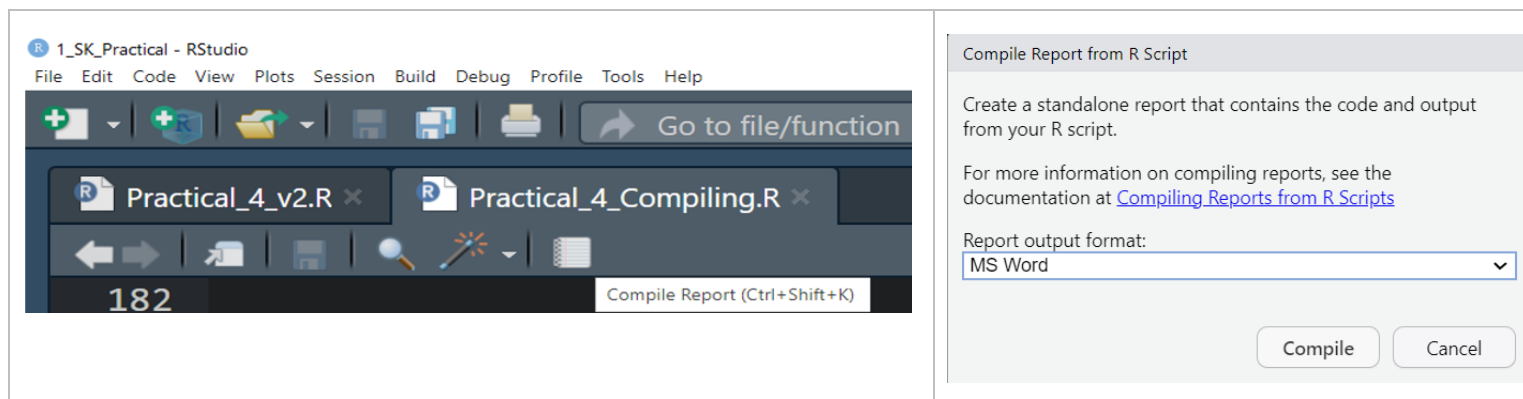
Exclude these lines of code when compiling. Comment these lines out before compiling.

```
install.packages()     ggsave
```

2.2   Using mouse: click on the notebook icon

The notebook icon 📄 appears just under the R script file name.
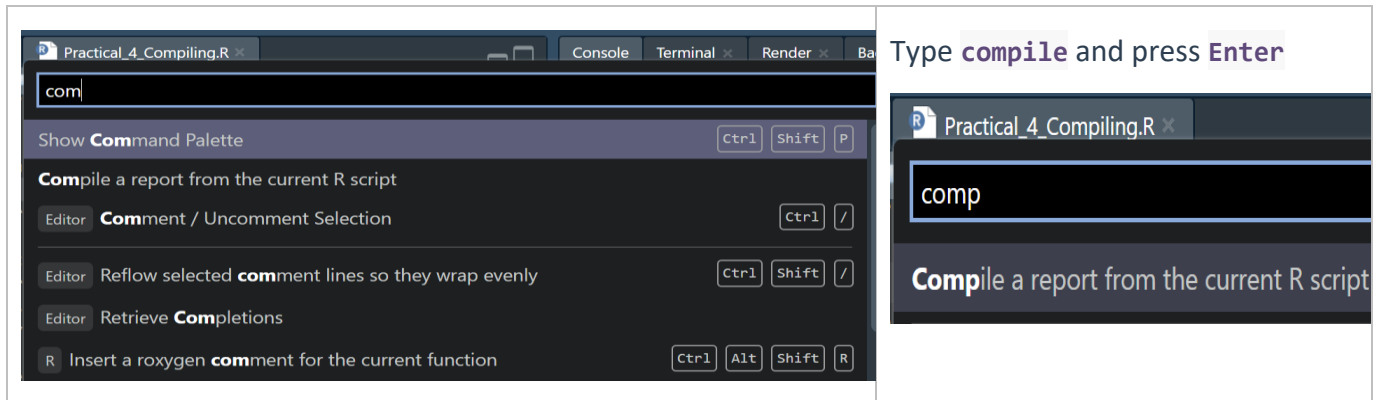
By hovering the mouse over it, you'll see the shortcut `Compile Report (Ctrl + Shift + K` or `(Cmd + Shift + K` in Mac).

Click on the icon. Then, R will ask what Report output format you prefer. Choose `MS Word`. Finally, click `Compile`. That's it. The Word file will launch when it is done.

3   Alternative method: using the Command Palette

Over time, you may forget this icon and the shortcut. Well, you can remember one extremely handy shortcut that enables you to access all commands in the menu option, `Ctrl + Shift + P`. This brings up a Command Palette. The cursor should be blinking waiting for your input. Type `compile` and press `Enter` to select "Compile a report from the current R script".

Note: With Command palette, you can **type** any command you wish to access and accomplish. Bring up a Command Palette and see the list of commands. Experiment with some of the commands.