(Very) few notes on using Rstudio

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Why use RStudio ?

- RStudio is an integrated development environment (IDE) for R.

An IDE that was built just for R

- Syntax highlighting, code completion, and smart indentation
- Execute R code directly from the source editor
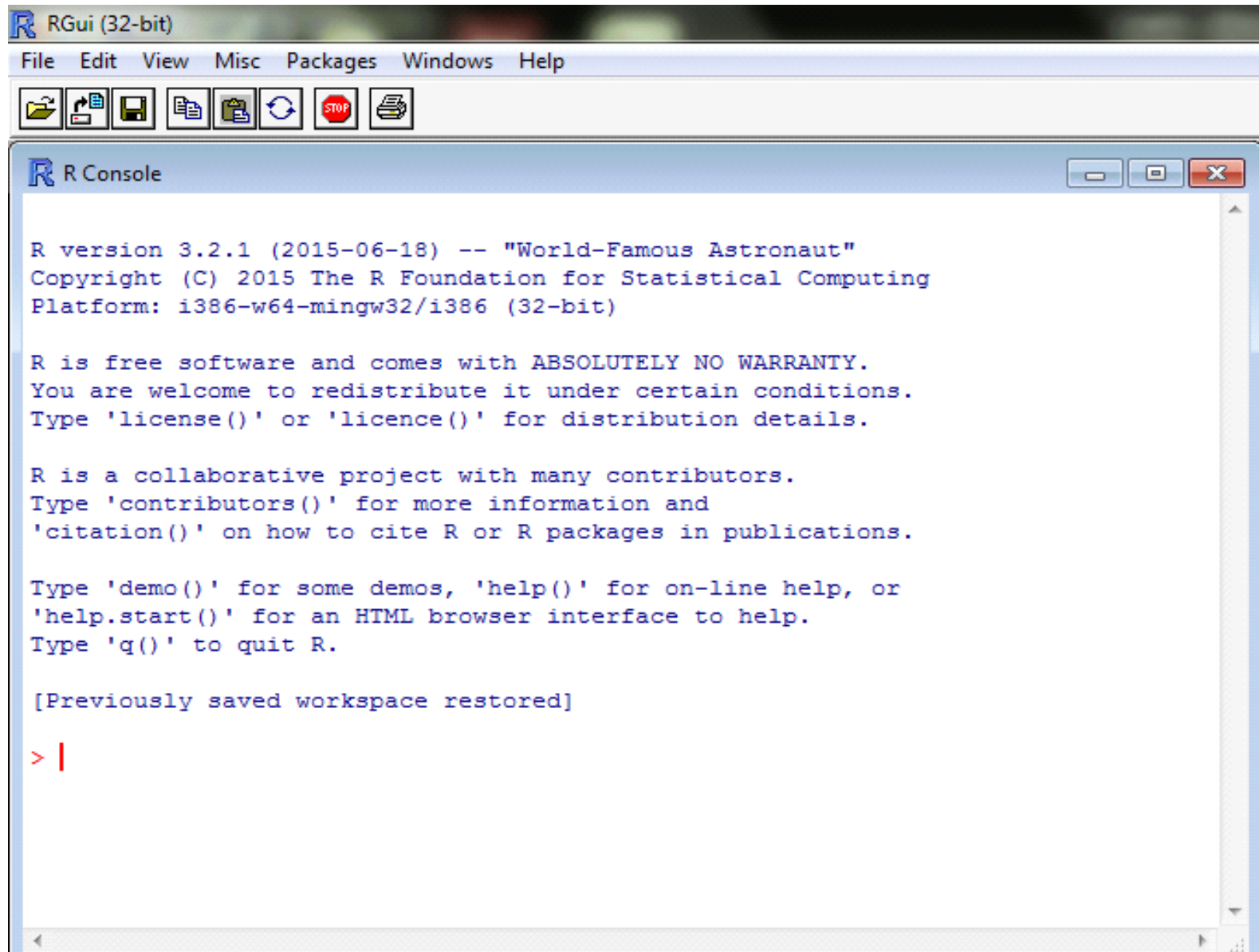- Quickly jump to function definitions

Bring your workflow together

- Integrated R help and documentation
- Easily manage multiple working directories using projects
- Workspace browser and data viewer

Powerful authoring & Debugging

- Interactive debugger to diagnose and fix errors quickly
- Extensive package development tools
- Authoring with Sweave and R Markdown

http://www.rstudio.com/

This is plain R

This is Rstudio

Working with files

Setting the working directory

Executing R commands

- Execute only the line the cursor currently is in:

  Ctrl + Enter

  or press "run" button

  (cursor then automatically jumps to the next line)
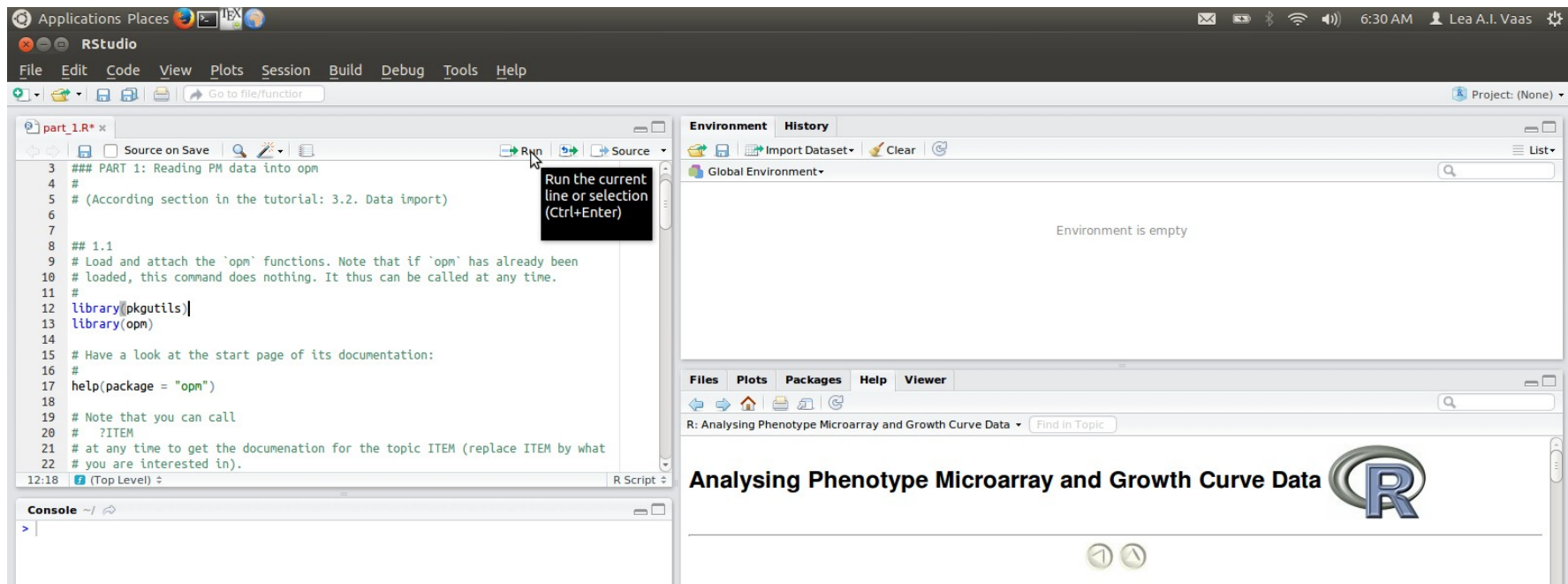
Executing R commands

- Execute several lines:

  mark the lines and push Ctrl + Enter or the "run" button

  (cursor does not move)
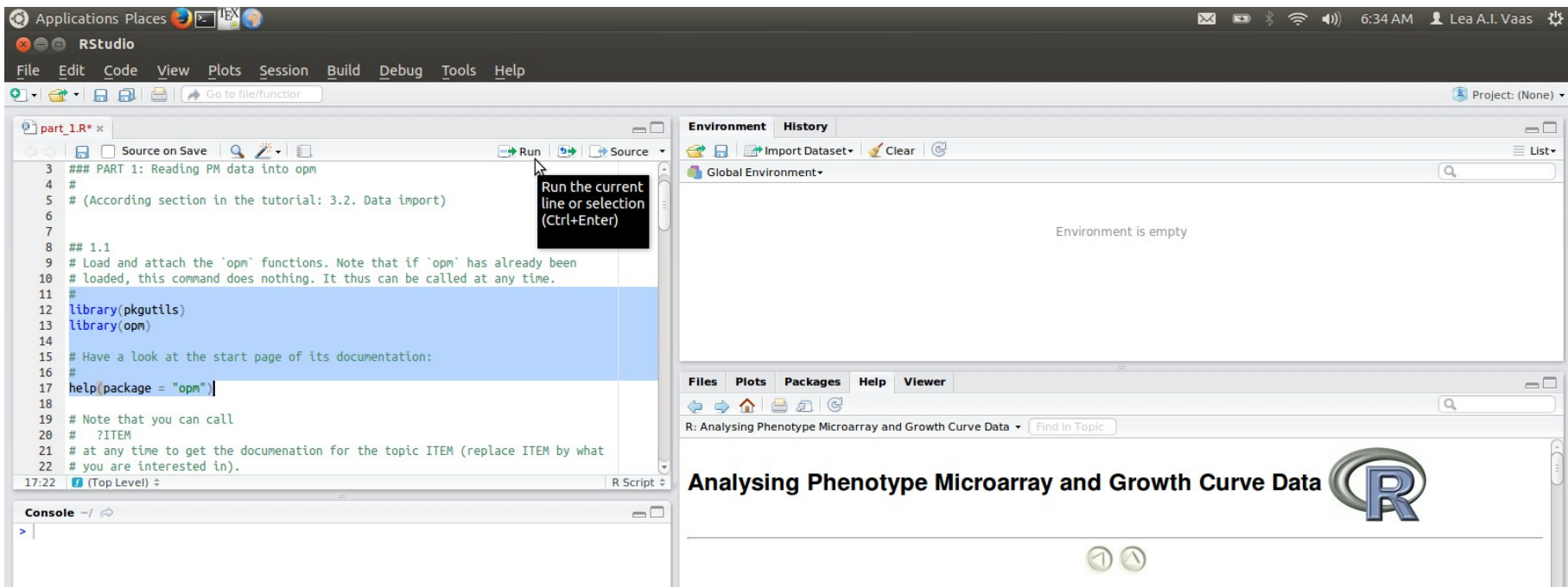
Executing R commands

- Execute a complete script:

    push the "source" button OR tick box "Source on Save" on the Script tab, then click the save button