

O'REILLY®

R-Powered Excel

Month/Year



From Excel calculations to R development

Demo: calculations-in-excel.xlsx



Starting at 1 + 1 ...

The screenshot displays the RStudio IDE interface. The top menu bar includes File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, and Help. Below the menu is a toolbar with icons for adding files, saving, and navigating, along with a 'Go to file/function' input field and an 'Addins' dropdown. The R version is indicated as R 3.6.0.

The main workspace is divided into three panels:

- Terminal:** Shows the current directory as `/cloud/project/` with a prompt `> |`.
- Environment:** Displays the current environment, which is empty. It includes tabs for Environment, History, and Connections, and a search bar.
- Files:** Shows the file explorer for the `Cloud > project` directory. It includes tabs for Files, Plots, Packages, Help, and Viewer, and a toolbar with options like New Folder, Upload, Delete, Rename, and More.

The Files panel contains a table listing the contents of the `project` directory:

	Name	Size	Modified
<input type="checkbox"/>	..		
<input type="checkbox"/>	.Rhistory	0 B	Aug 13, 2019, 8:41 AM
<input type="checkbox"/>	project.Rproj	205 B	Aug 13, 2019, 12:35 PM

Demo: `r-development-code.r`



Using RStudio (and plenty of comments)...

1. Assign the sum of 1 to 4 as a
2. Assign the square root of a as b
3. Assign b minus 1 as d
4. Is d greater than 2?

Drill: working with objects



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Solutions: `r-development-drills.r`

Drill: working with objects



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Questions?

