Tutorial

Topic 1

Exercise

Here's a simple exercise with an empty code chunk provided for entering the answer.

Write the R code required to add two plus two:

```
R code        ⟳ Start Over                                    ▶ Run Code
  1  foo
  2
  3
```

> object 'foo' not found

Exercise with Code

Here's an exercise with some prepopulated code as well as `exercise.lines = 5` to provide a bit more initial room to work.

Now write a function that adds any two numbers and then call it:

```
R code        ⟳ Start Over                                    ▶ Run Code
  1  add <- function() {
  2
  3  }
```

Topic 2

Exercise with Hint

Here's an exercise where the chunk is pre-evaluated via the `exercise.eval` option (so the user can see the default output we'd like them to customize). We also add a "hint" to the correct solution via the chunk immediate below labeled `print-limit-hint`.

Modify the following code to limit the number of rows printed to 5:

```
1  mtcars
2
3
```

	mpg <dbl>	cyl <dbl>	disp <dbl>	hp <dbl>	drat <dbl>	wt <dbl>	qsec <dbl>	vs <dbl>	am <dbl>
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1	0

1-10 of 32 rows | 1-10 of 12 columns   Previous   **1**   2   3   4   Next

Quiz

You can include any number of single or multiple choice questions as a quiz. Use the `question` *function to define a question and the* `quiz` *function for grouping multiple questions together.*

Some questions to verify that you understand the purposes of various base and recommended R packages:

Quiz

Which package contains functions for installing other R packages?

○ base ✗

⦿ tools ✗

○ utils ✓

○ codetools ✗

Incorrect

Which of the R packages listed below are used to create plots?

☑ lattice ✓

☐ tools ✗

☐ stats ✗

☑ grid ✓

Correct!