**Multiple options are available**

Code checker(s)  
<https://cran.r-project.org/web/packages/checkr/vignettes/assertive-programming.html>

* checkR
* chk
* checkmate
* gradethis
* grader (old version of gradethis?)

Learnr seems to require a grader to be specified in some situations, so perhaps only one can be supported natively.

For simplicity sake, I’ve implemented the one suggested by learnr: gradethis, which is available on github only, but it keeping up-to-date with the github releases of learnr.

Gradethis support exact code comparison and answer comparison mostly. The feedback is automatic and excellent however. As far as I could find, it does not seem to support checking the contents of the answer. Example:

`head(object, n=2)` is correct, while `head(object,2)` is incorrect, as it was missing the `n=`.

I’d like to check if “head”, “object” and “2” are in the code.

**TO DO if there is enough time.**

I’ve spent a week trying to make fuzzy string matching work. It worked, but I could not plug it into learnr. It seems the bottleneck was the learnr question-system, which only accept exact answers via their `answer()` class. Their class system is arcane, using both R and shiny-specific syntax, and git/Rstudio do not help with finding the original definitions of a class such as with Python.