Comp 311 Functional Programming

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> September 6, 2018 Supplementary Slides

Using DrScala

DrScala

Available from the course homepage:

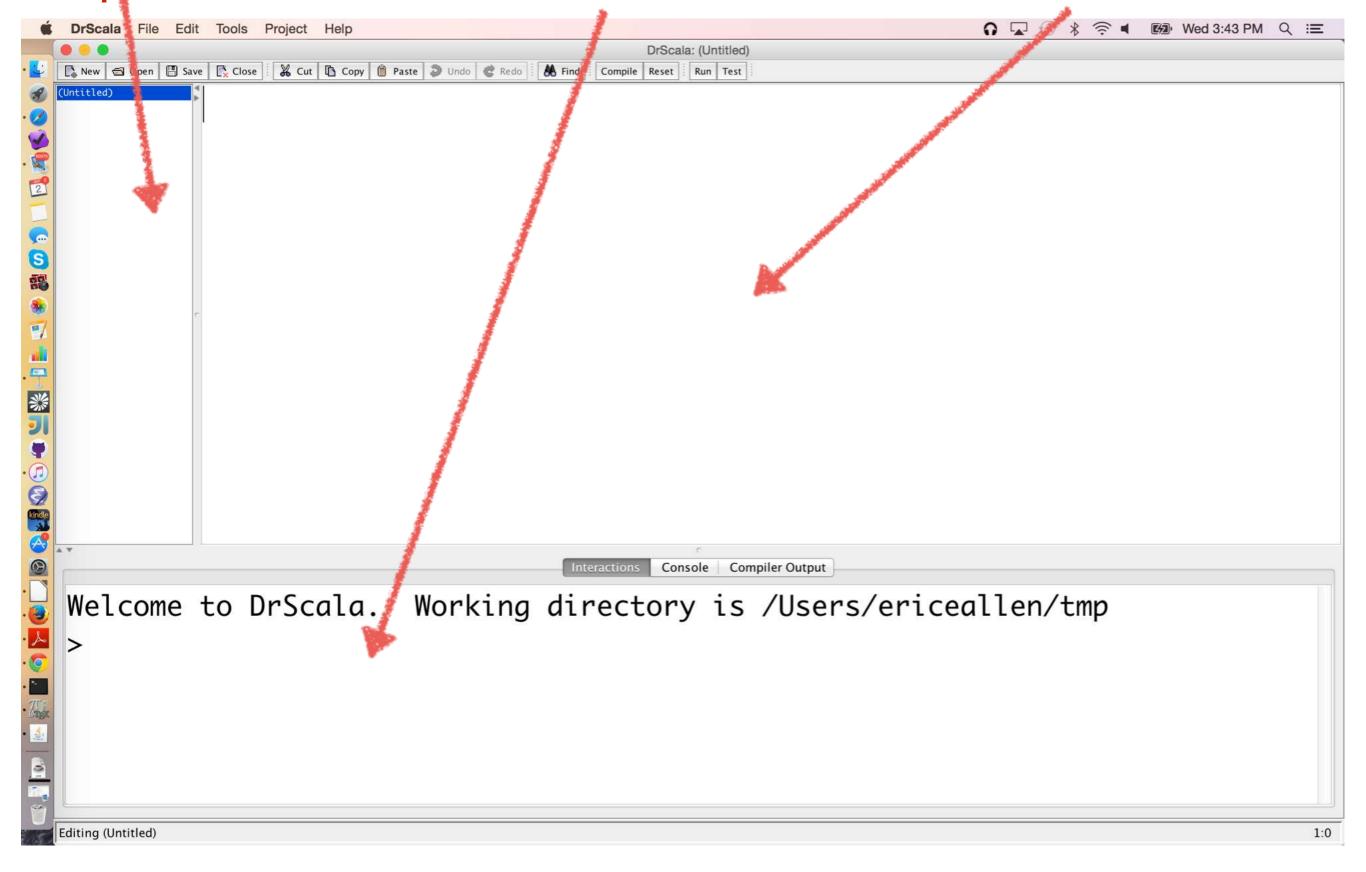
https://comp311.rice.edu

 A lightweight development environment well-suited to the exercises we will do in this class

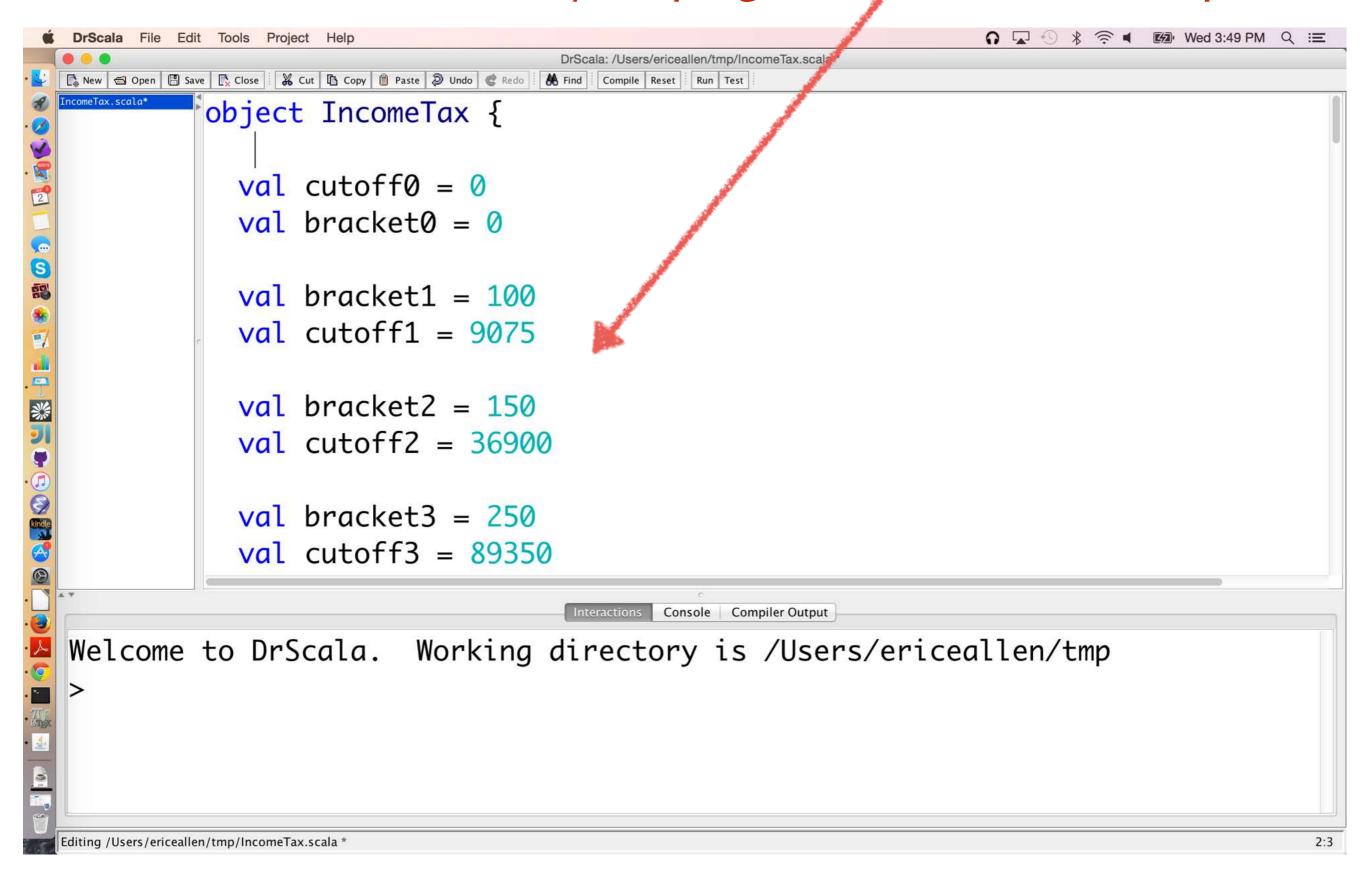
Open Files

Interactions Pane

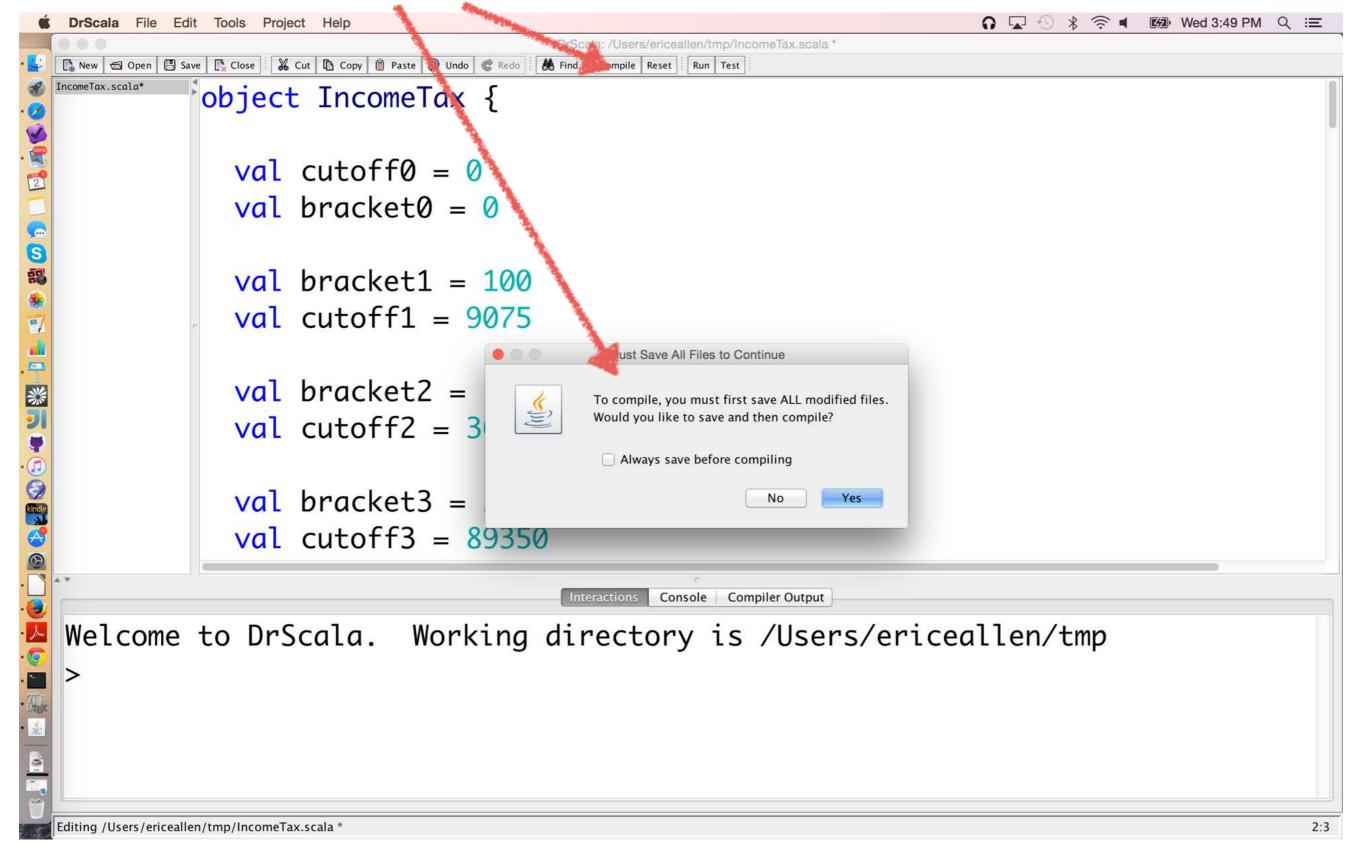
Definitions Pane

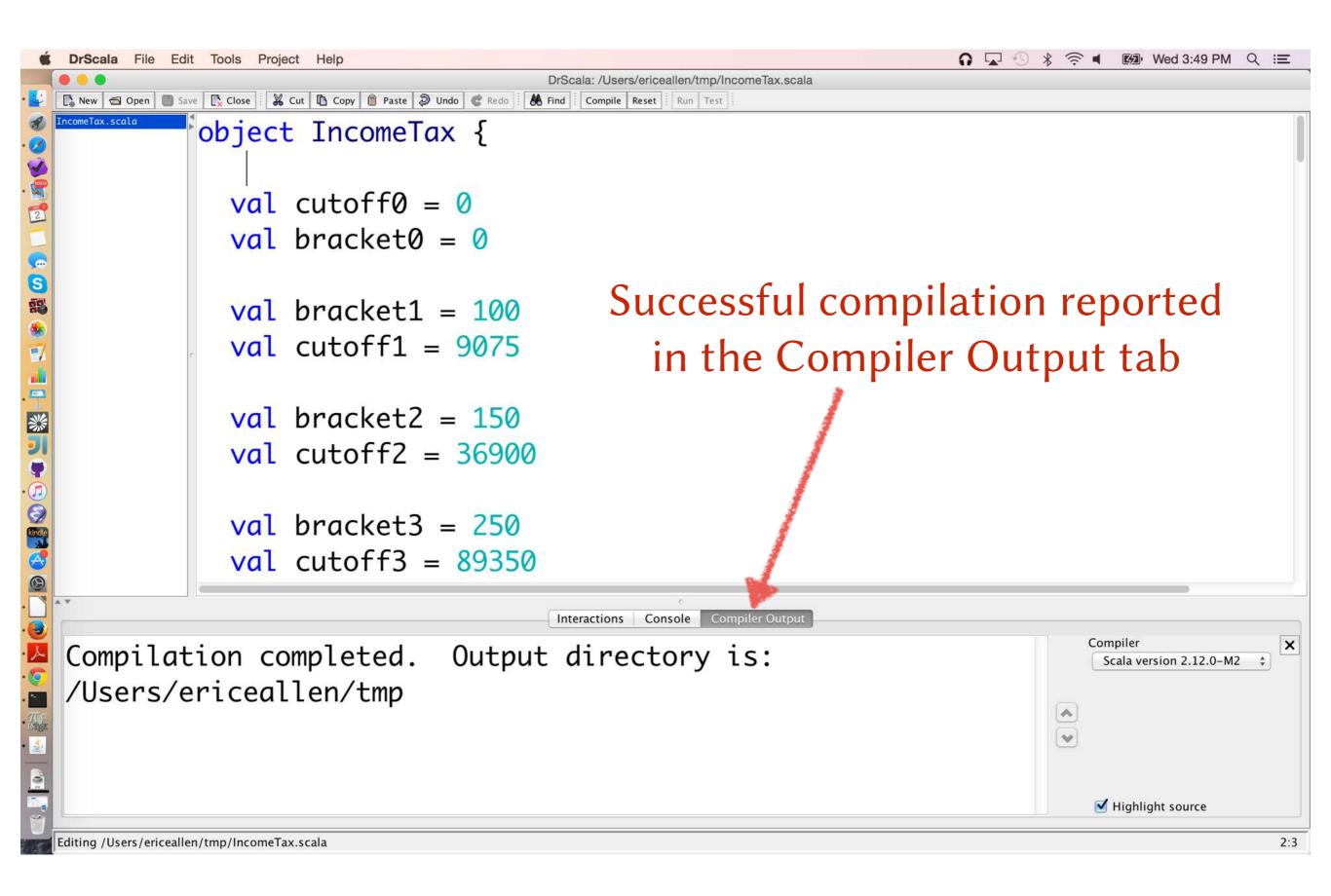


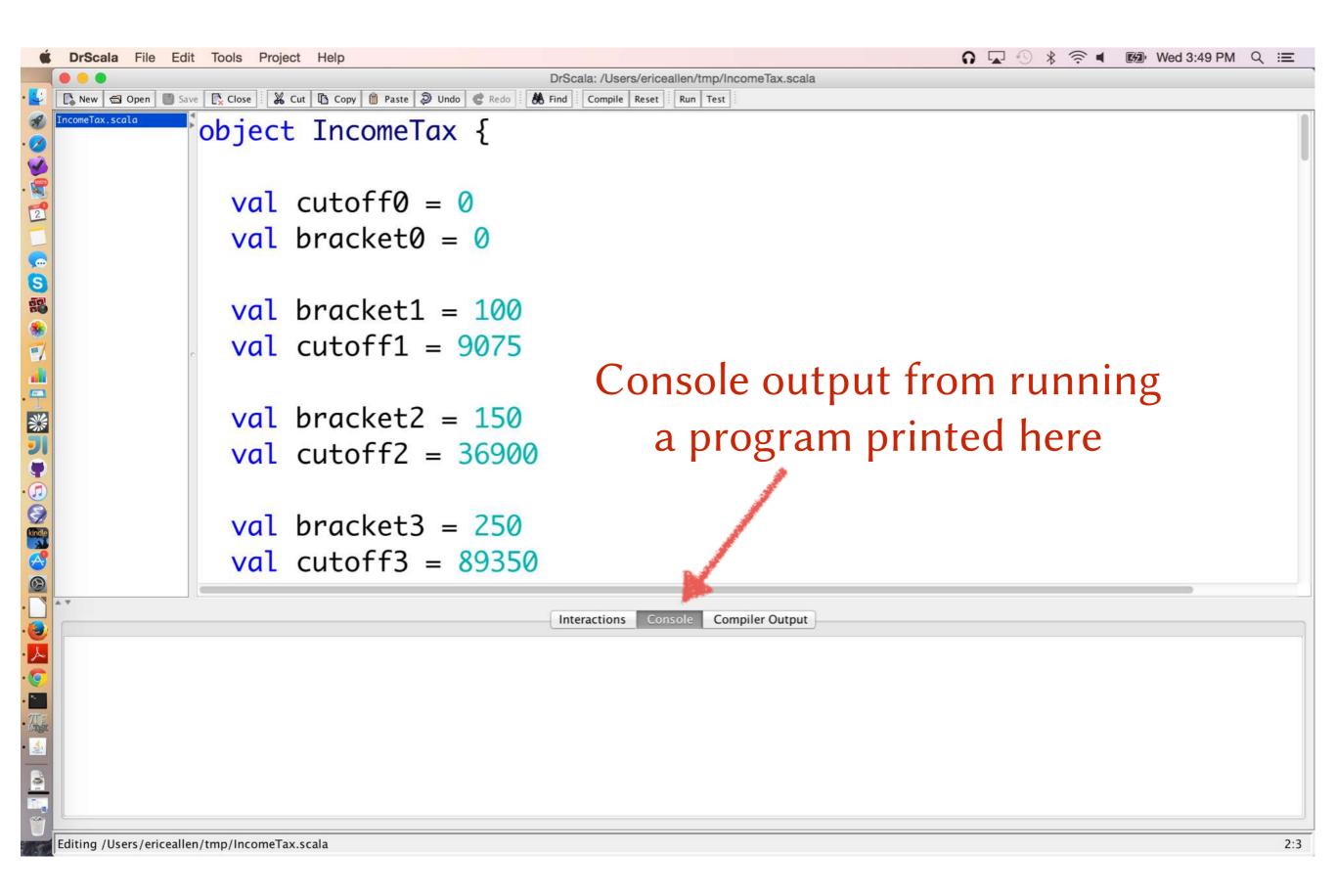
Define your program in the definitions pane

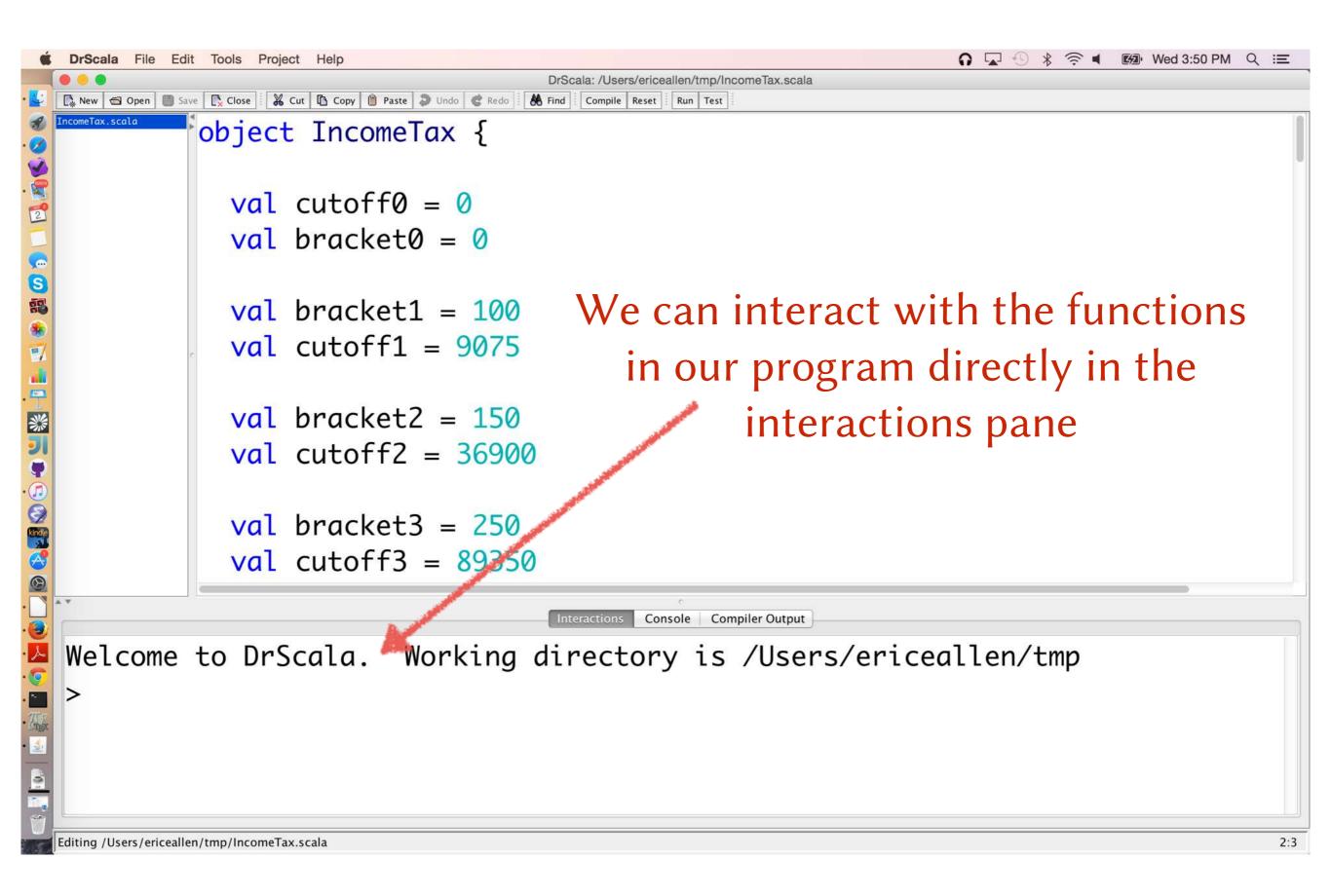


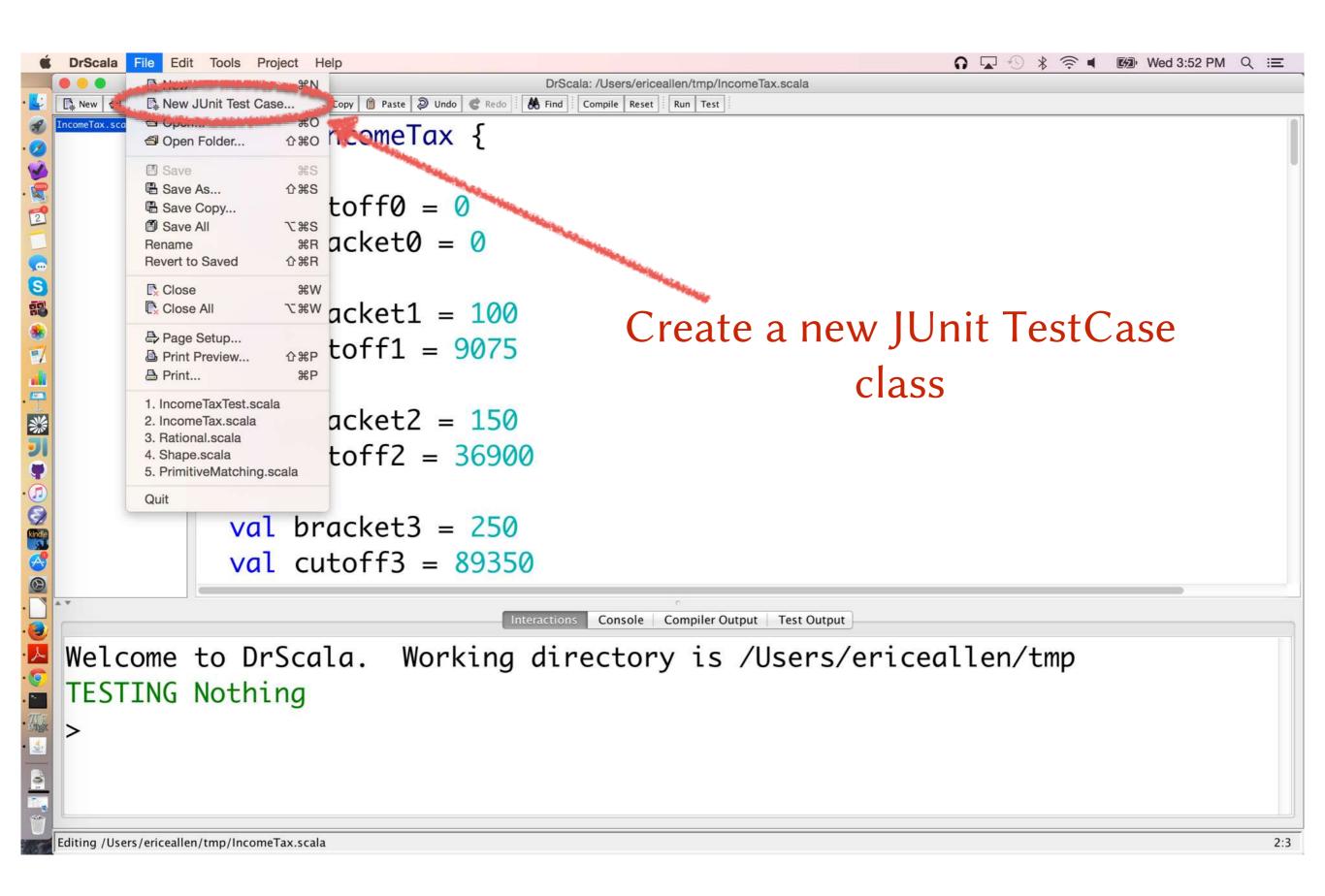
A prompt to save your program after hitting the Compile button

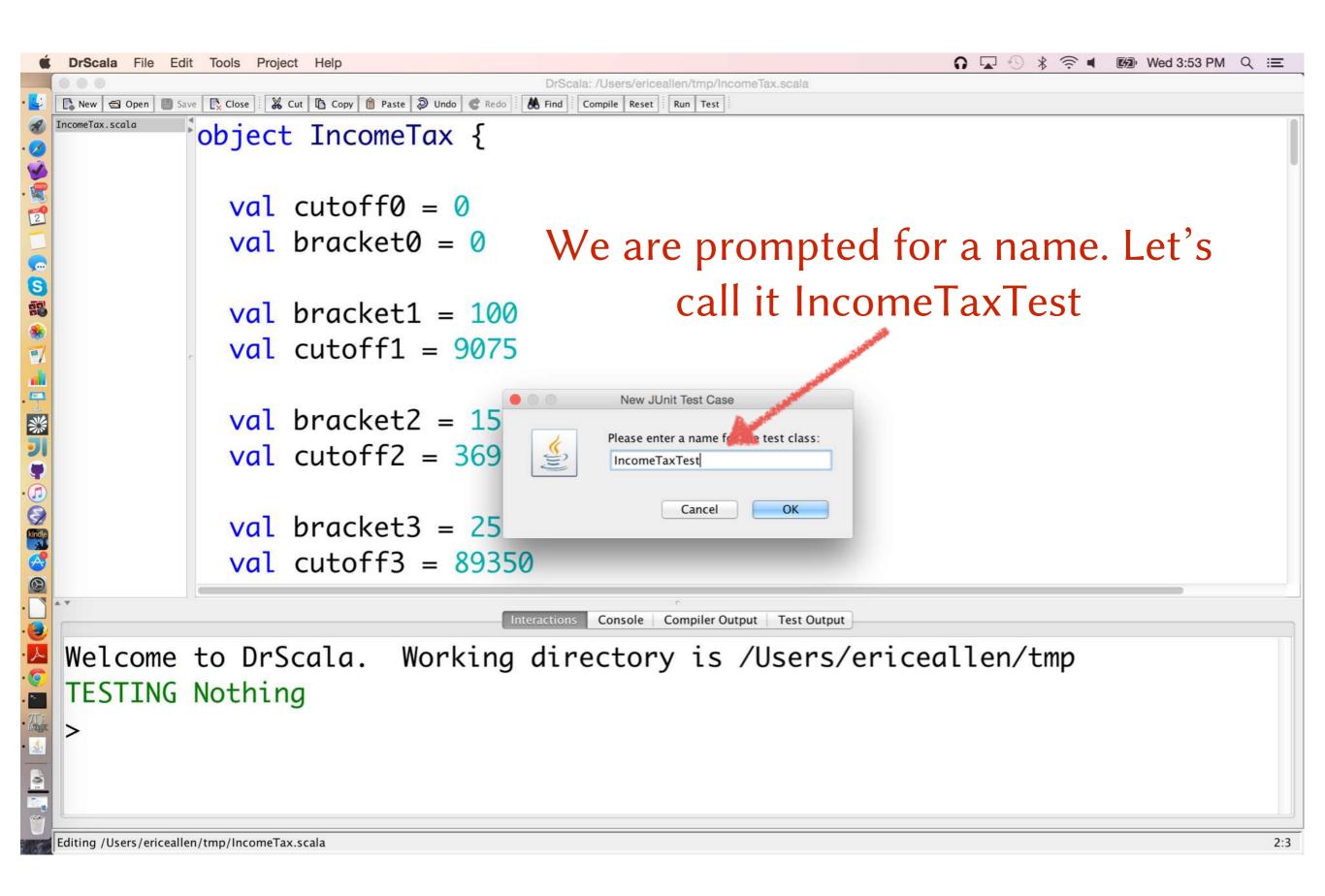


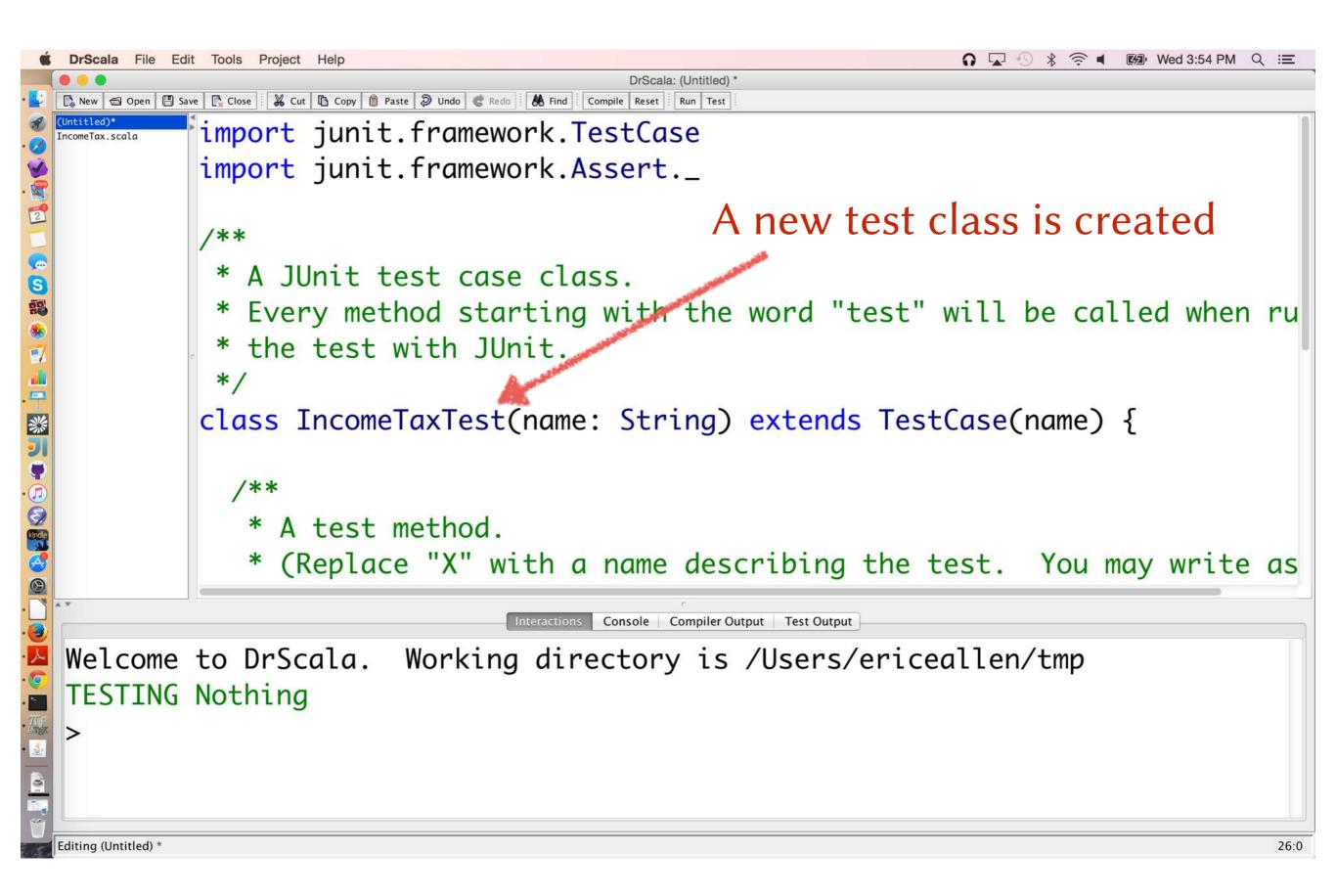


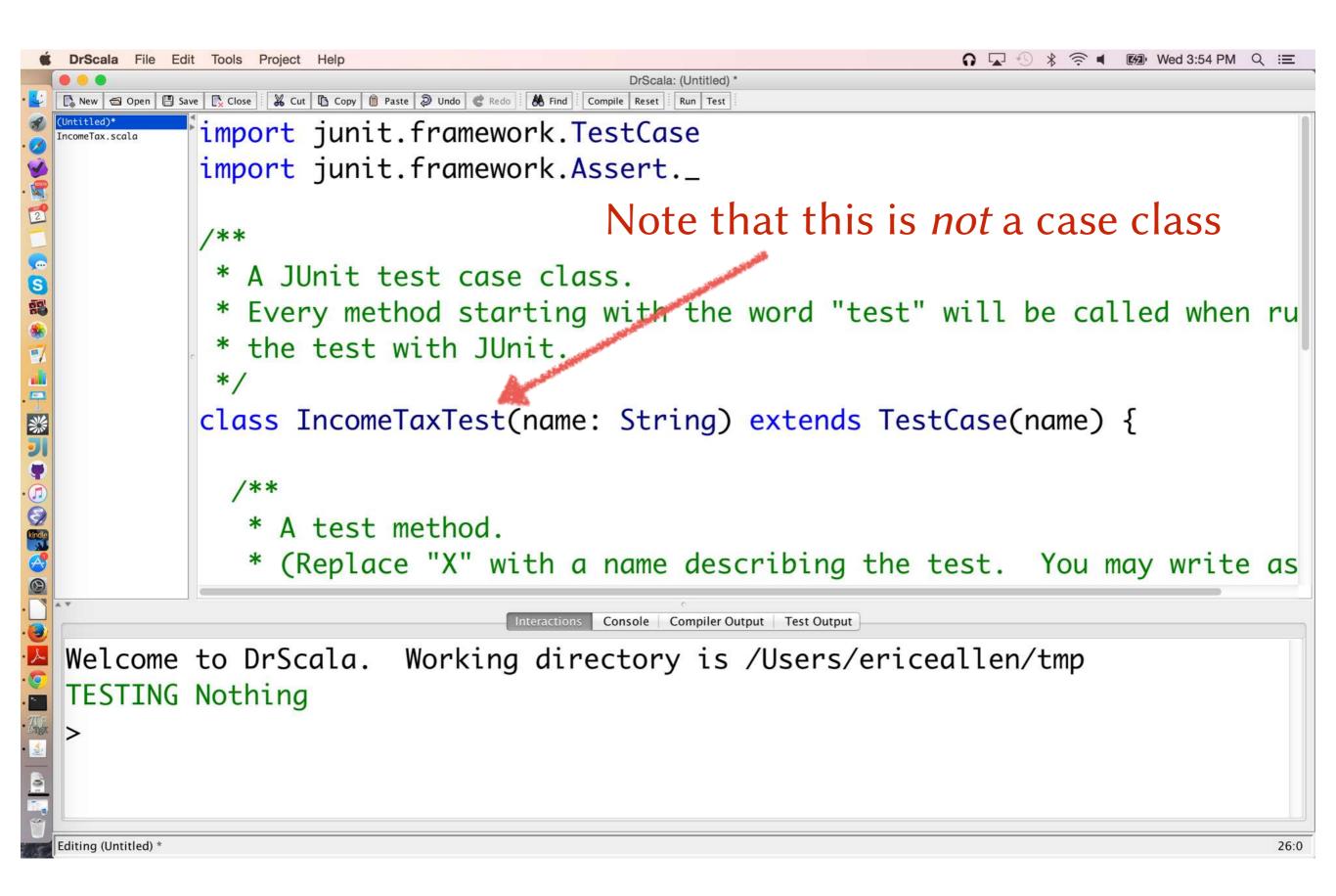


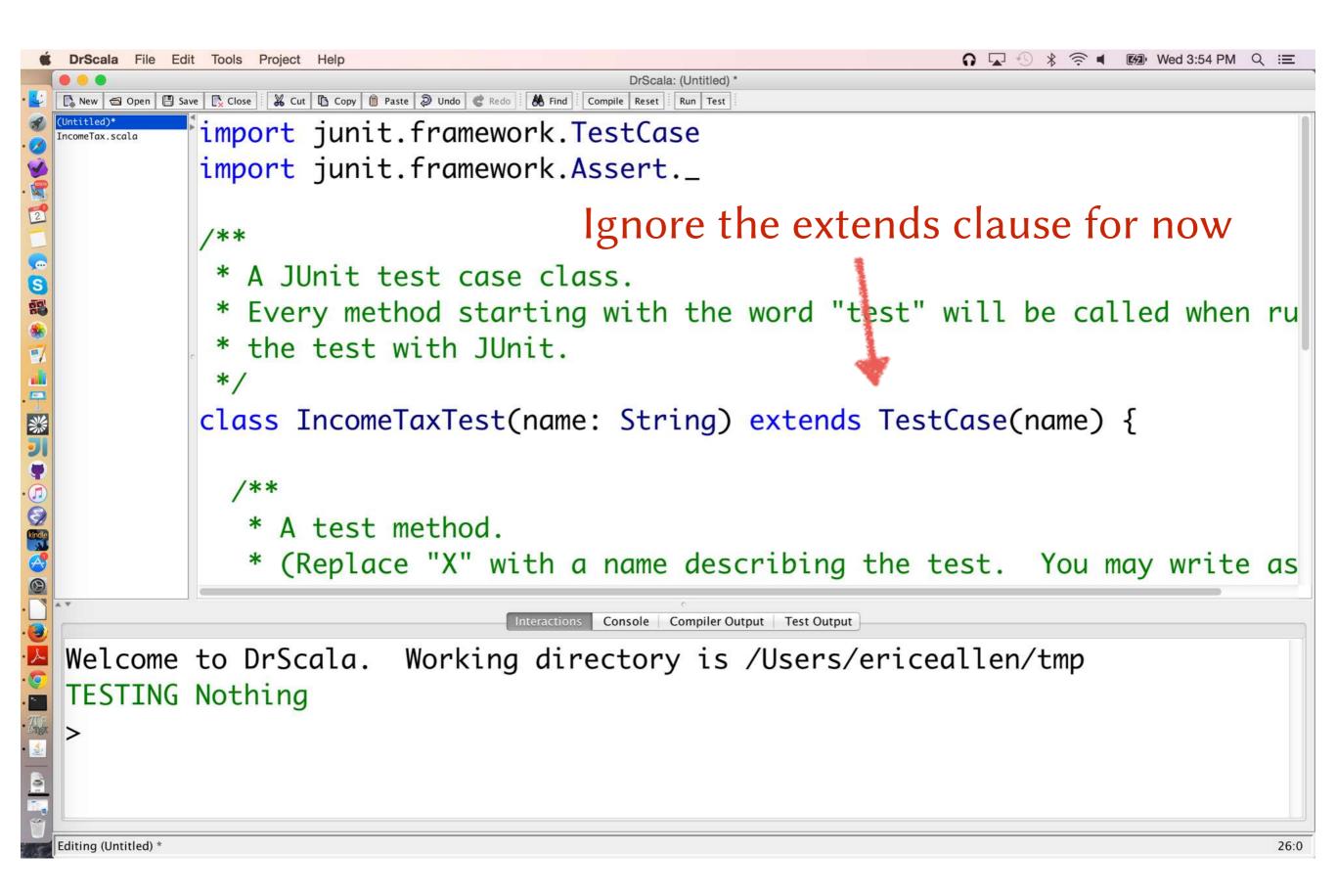


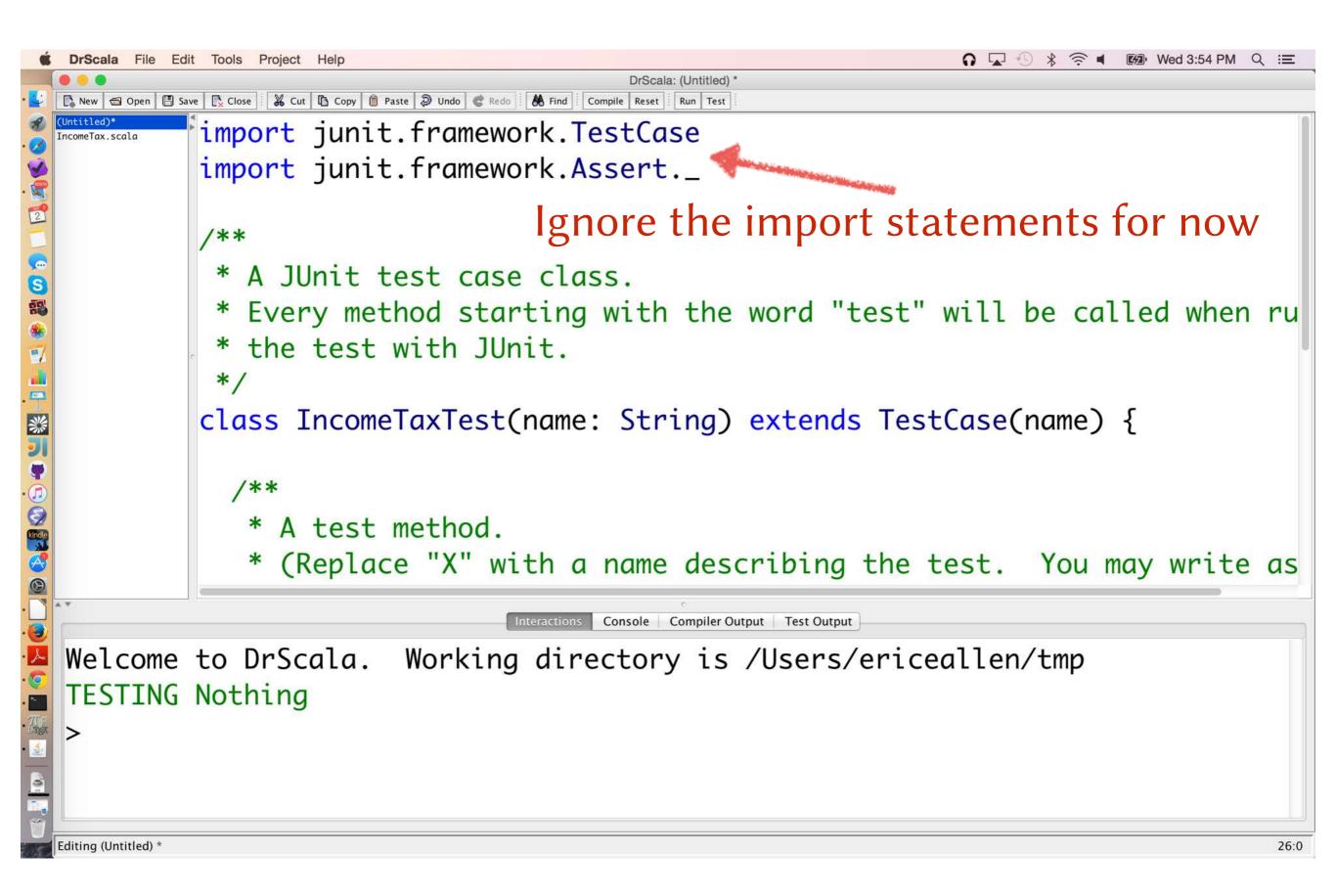


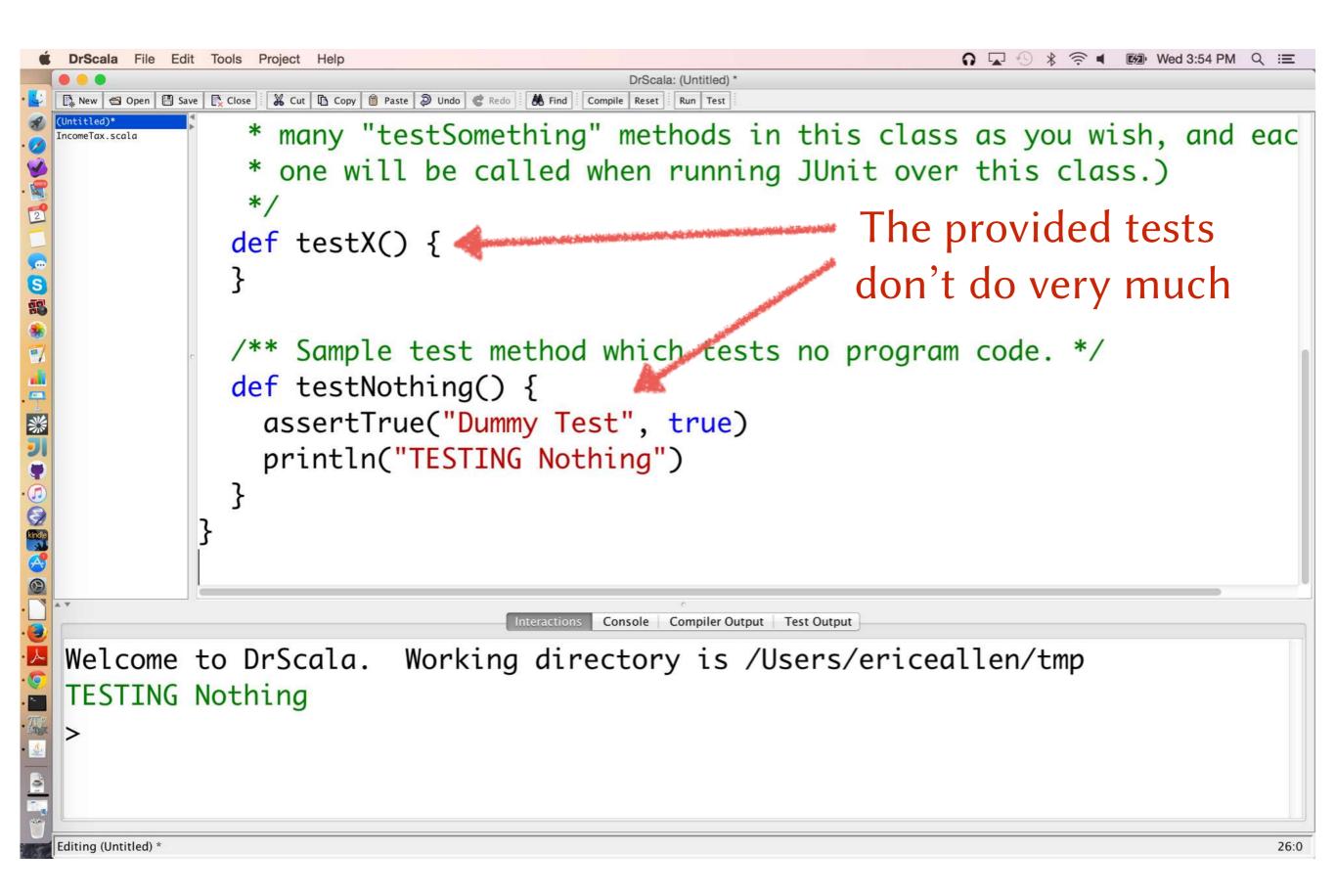


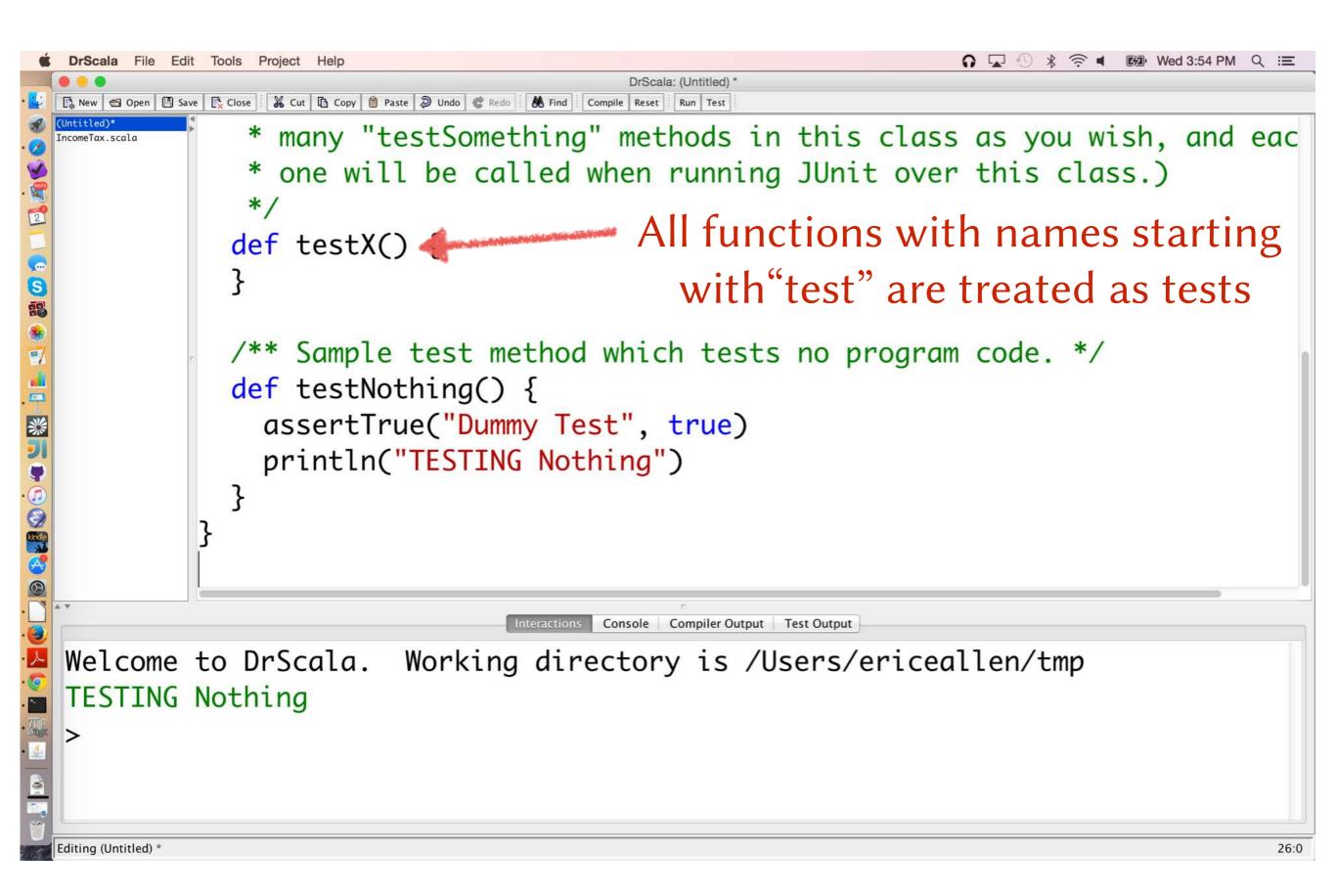


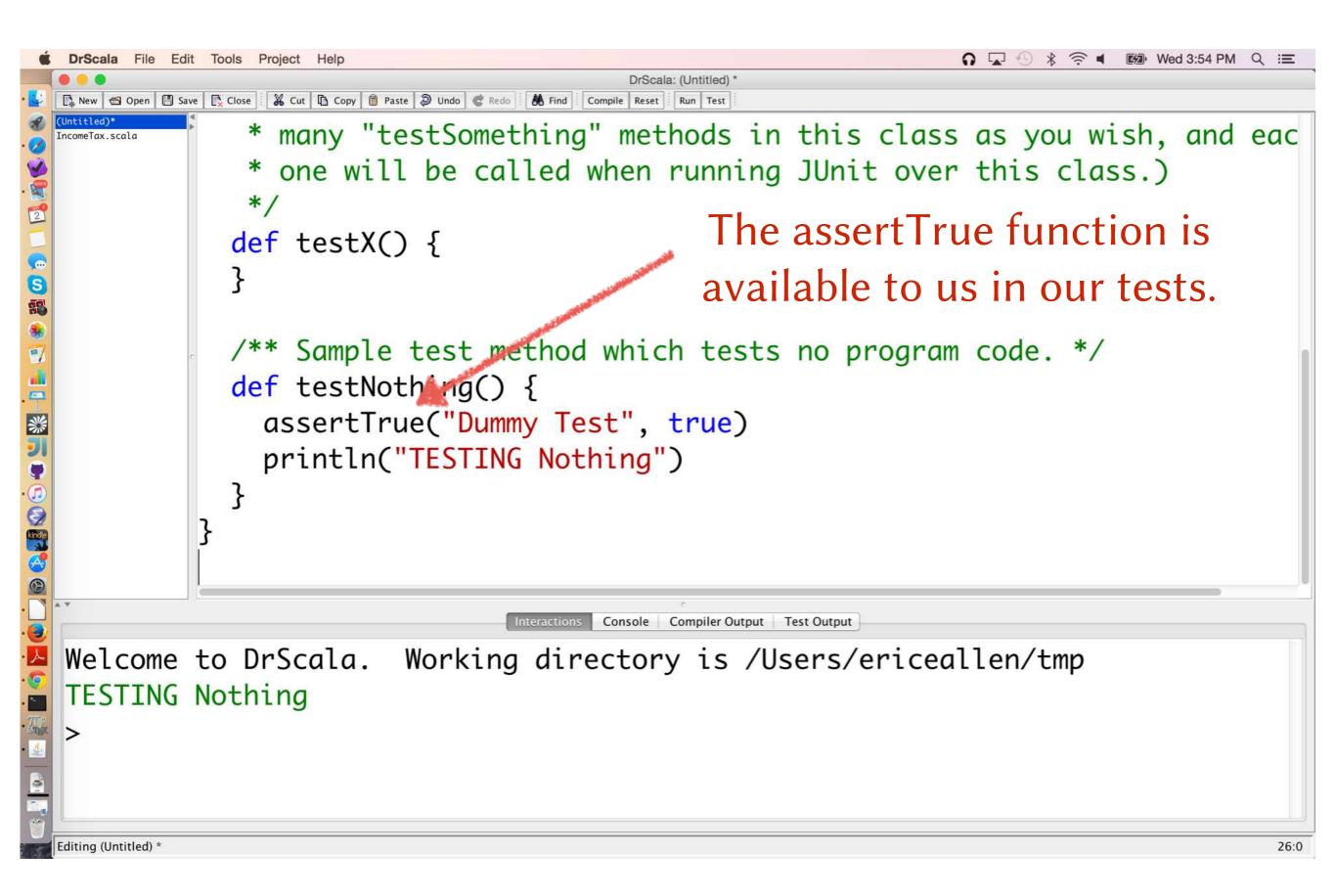


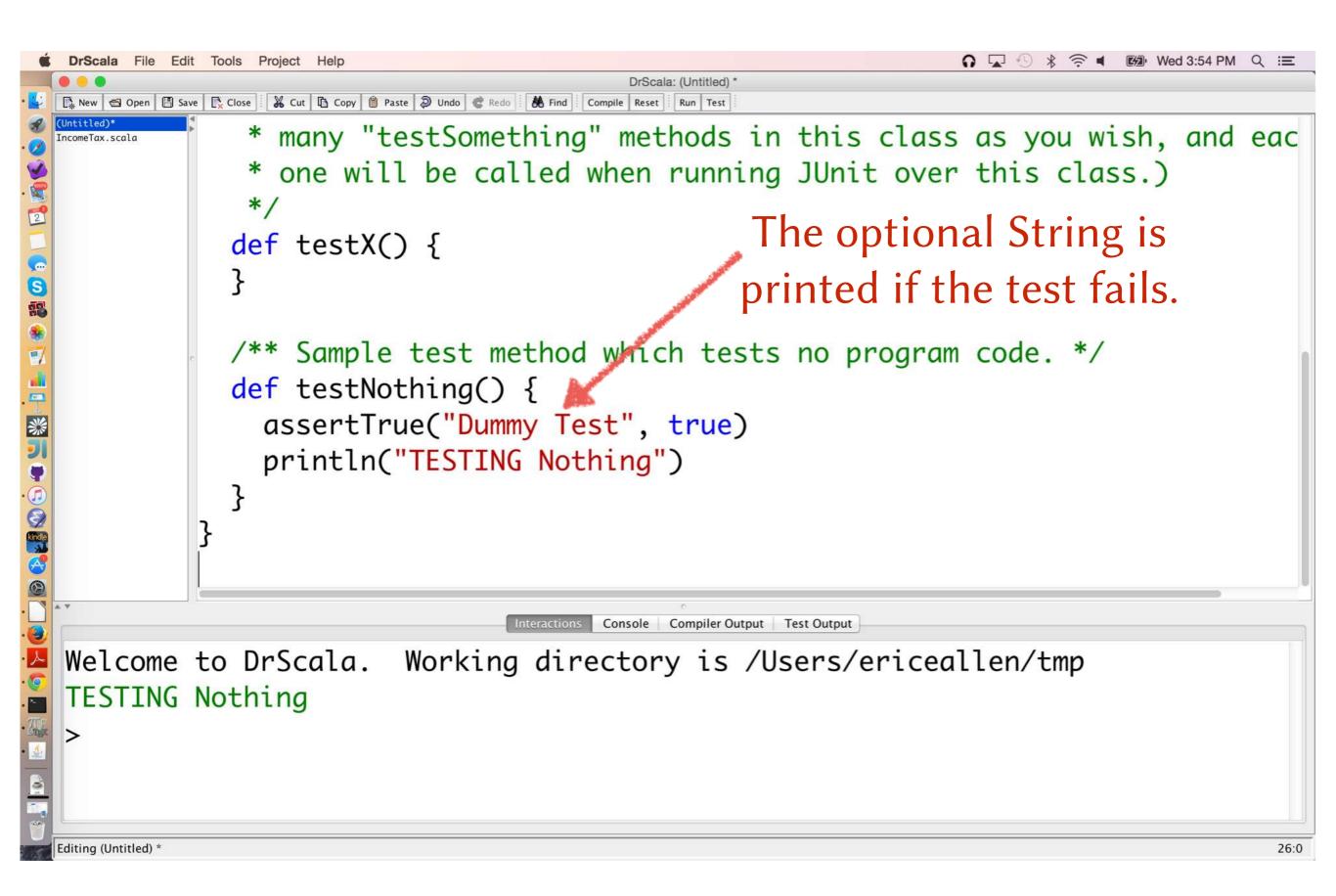


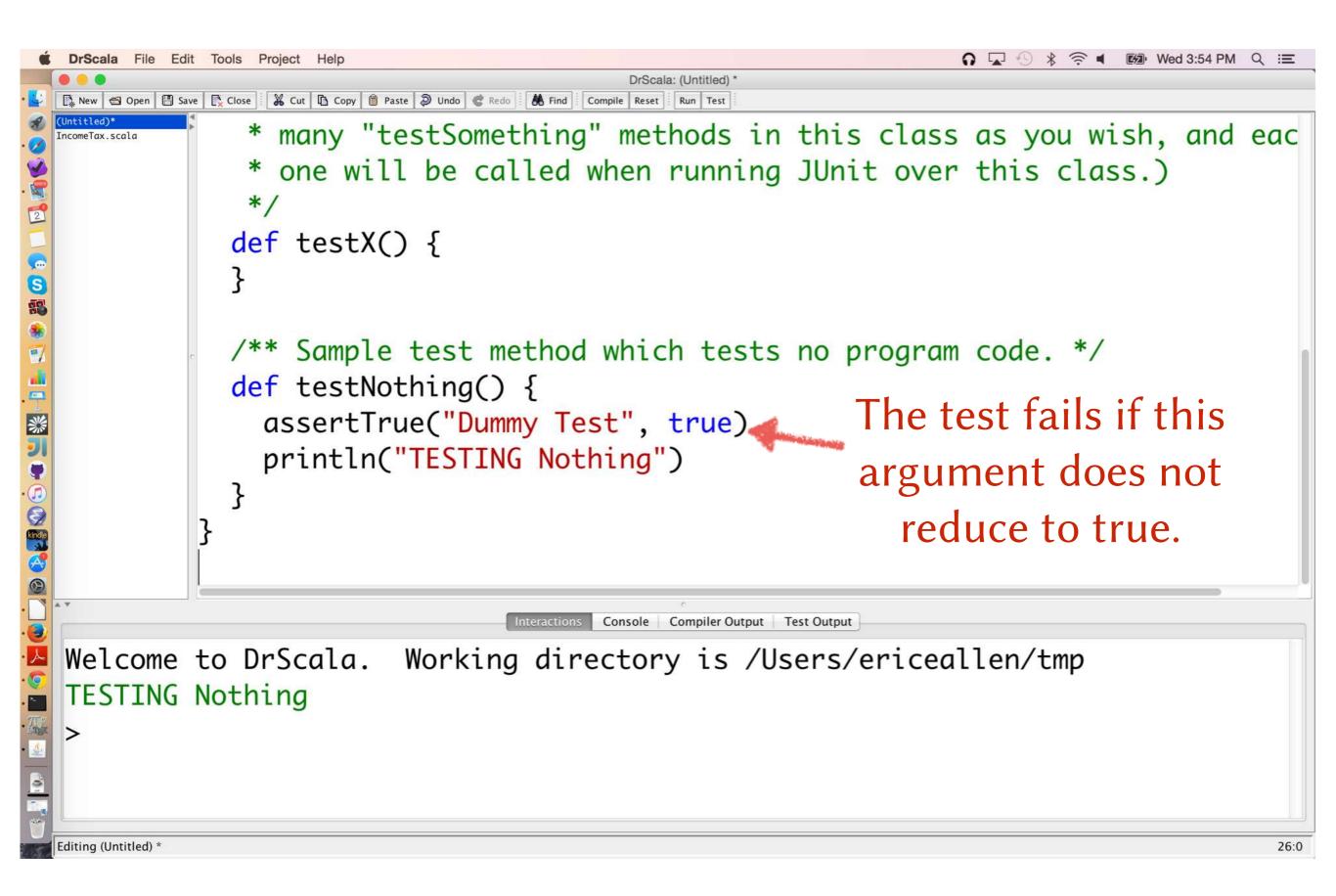




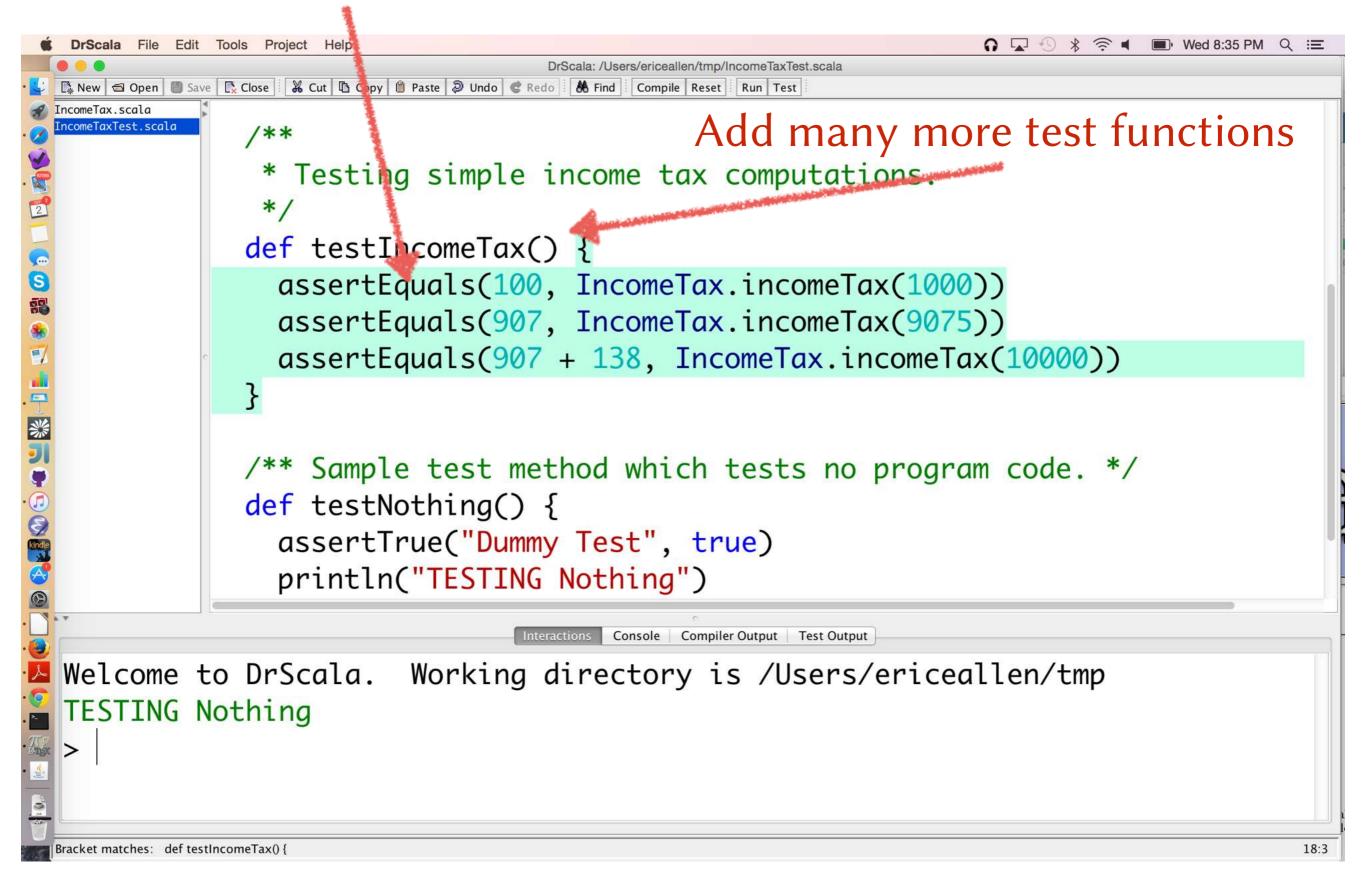




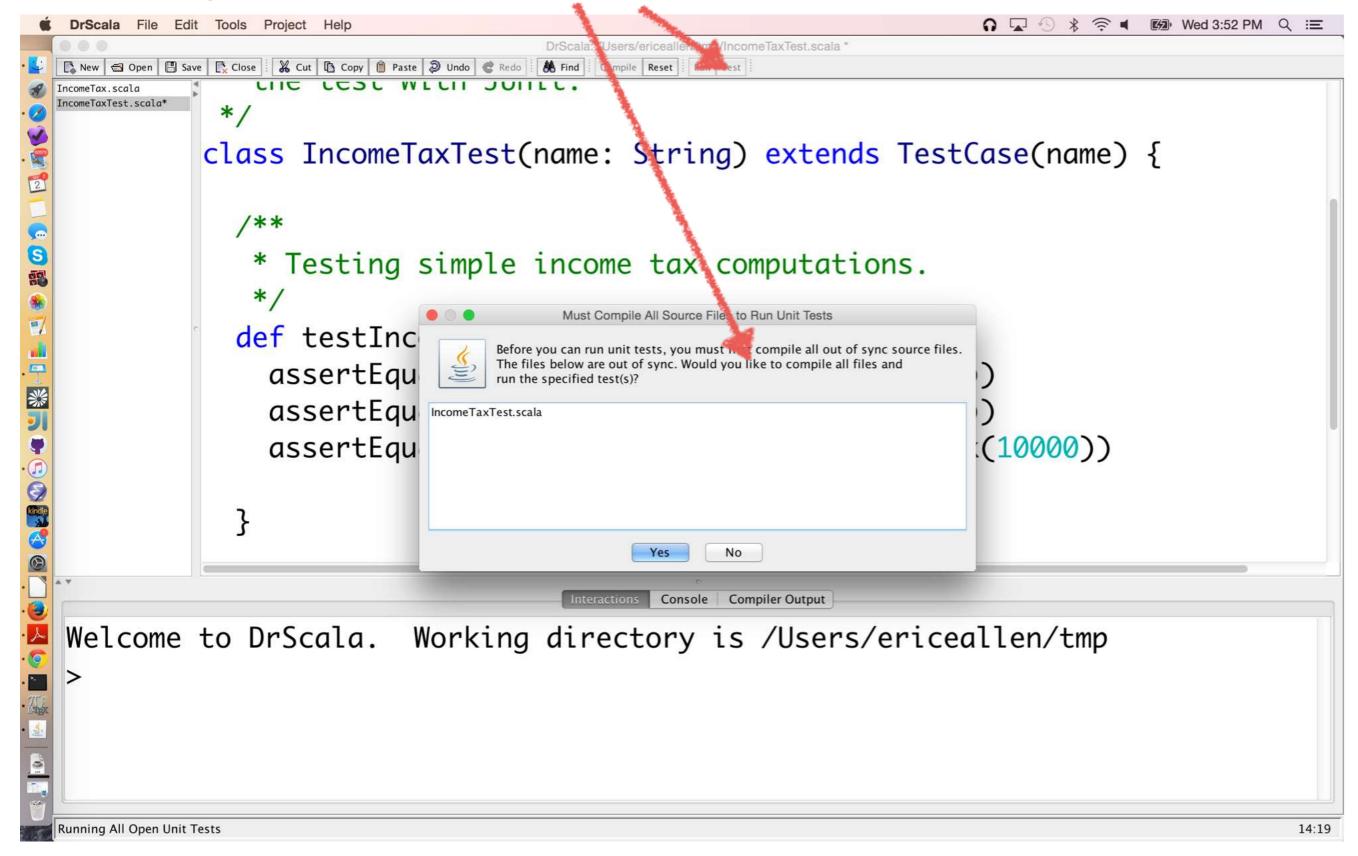




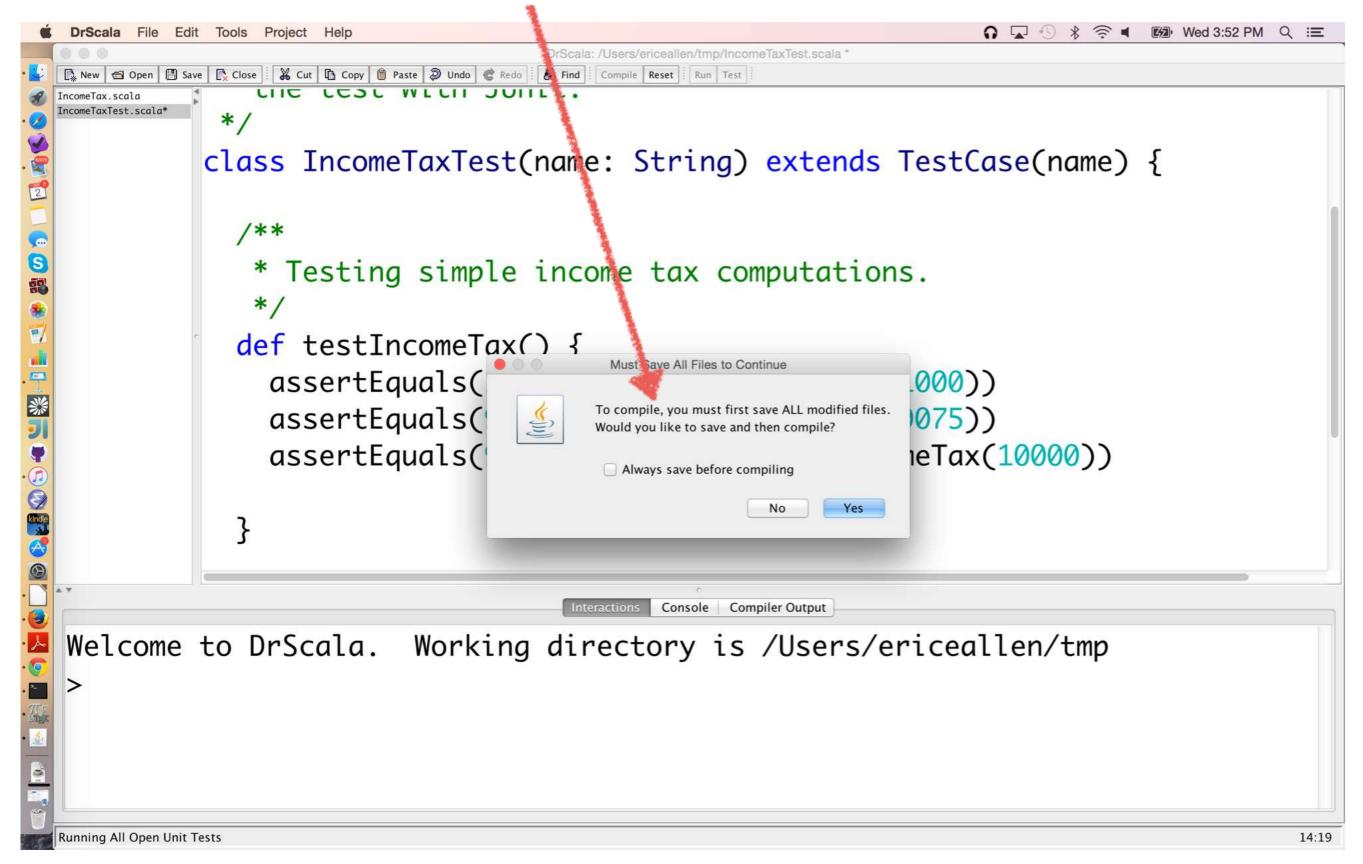
assertEquals fails if its two arguments are not equal



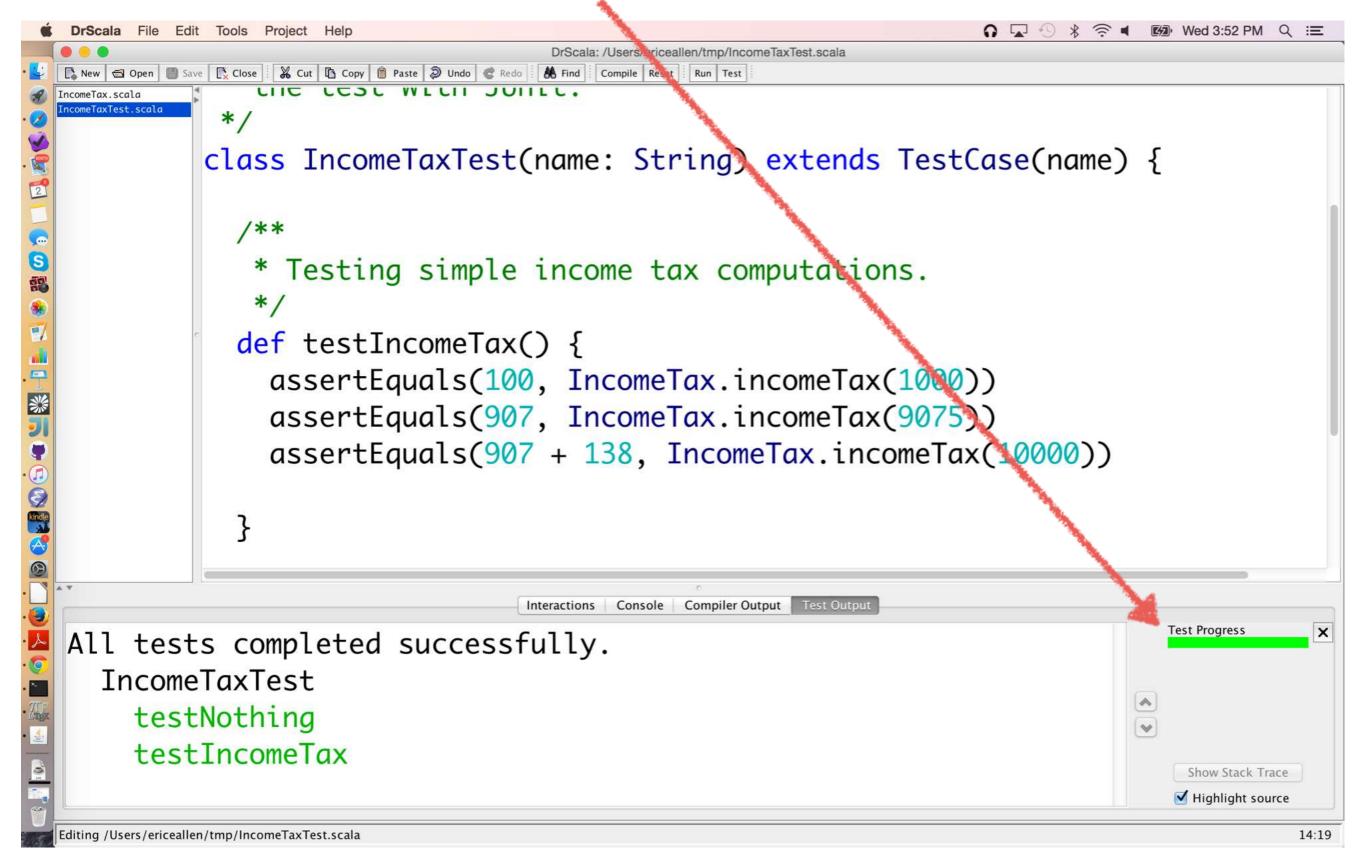
Hitting the Test button prompts us to compile

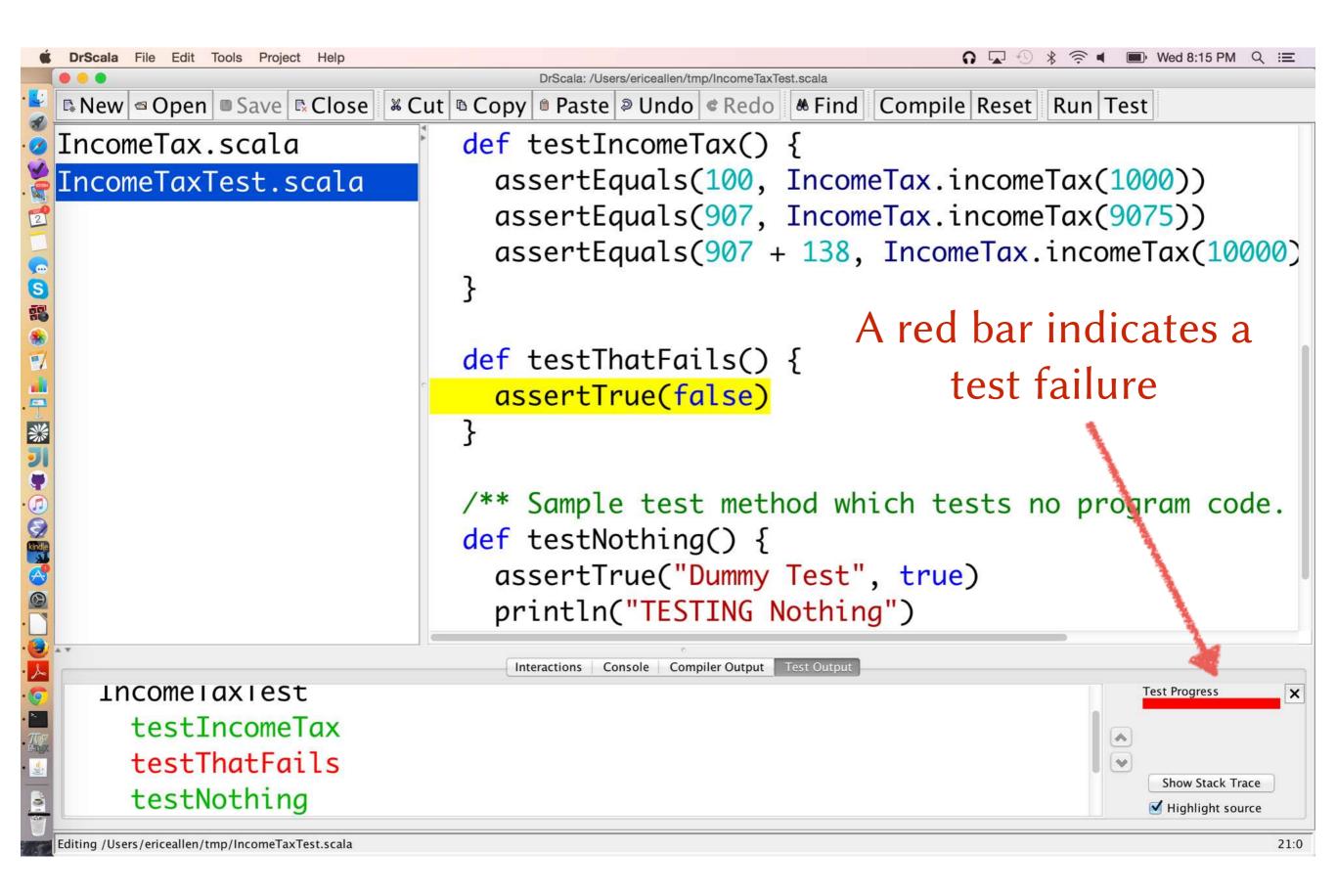


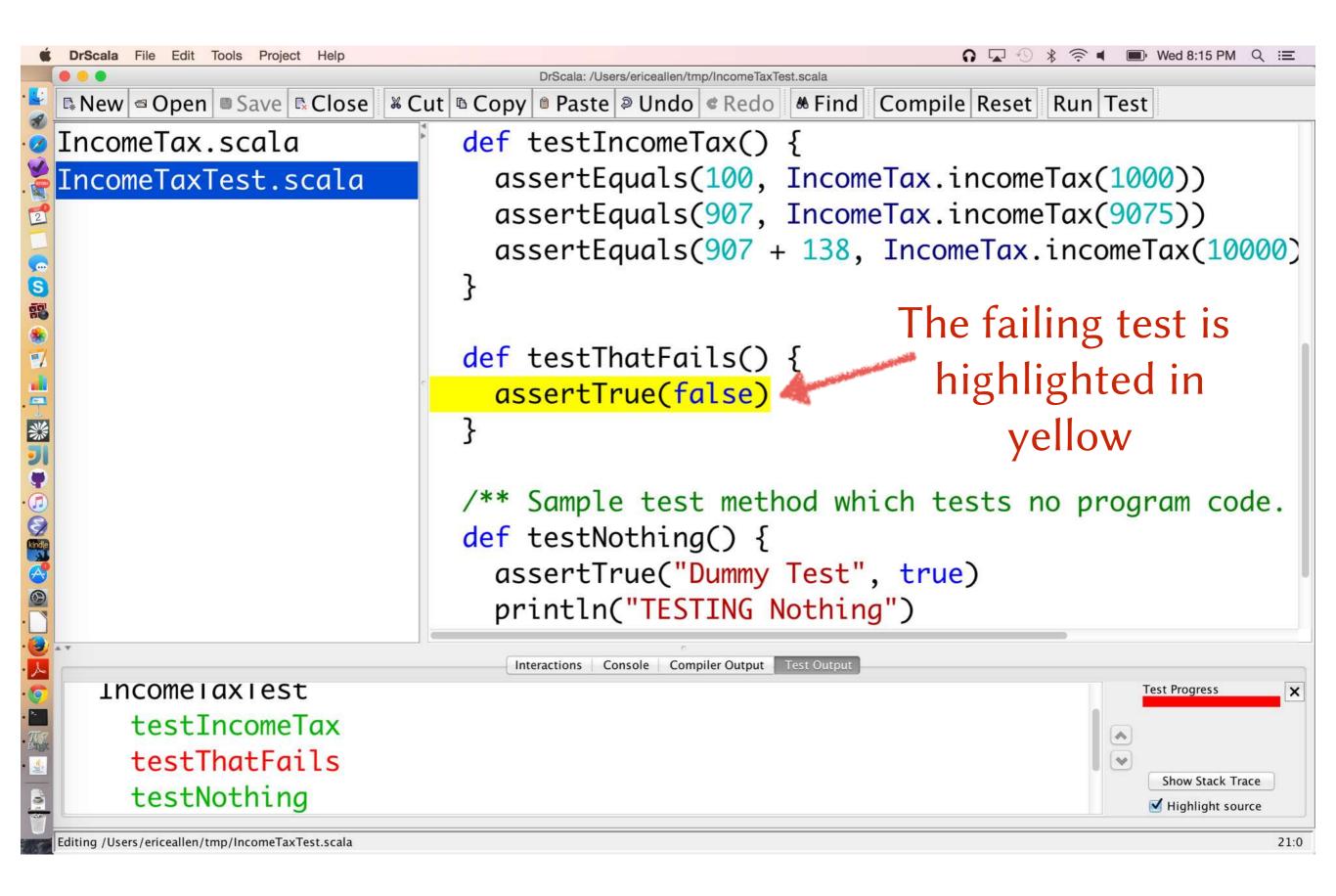
Agreeing to compile prompts us to save



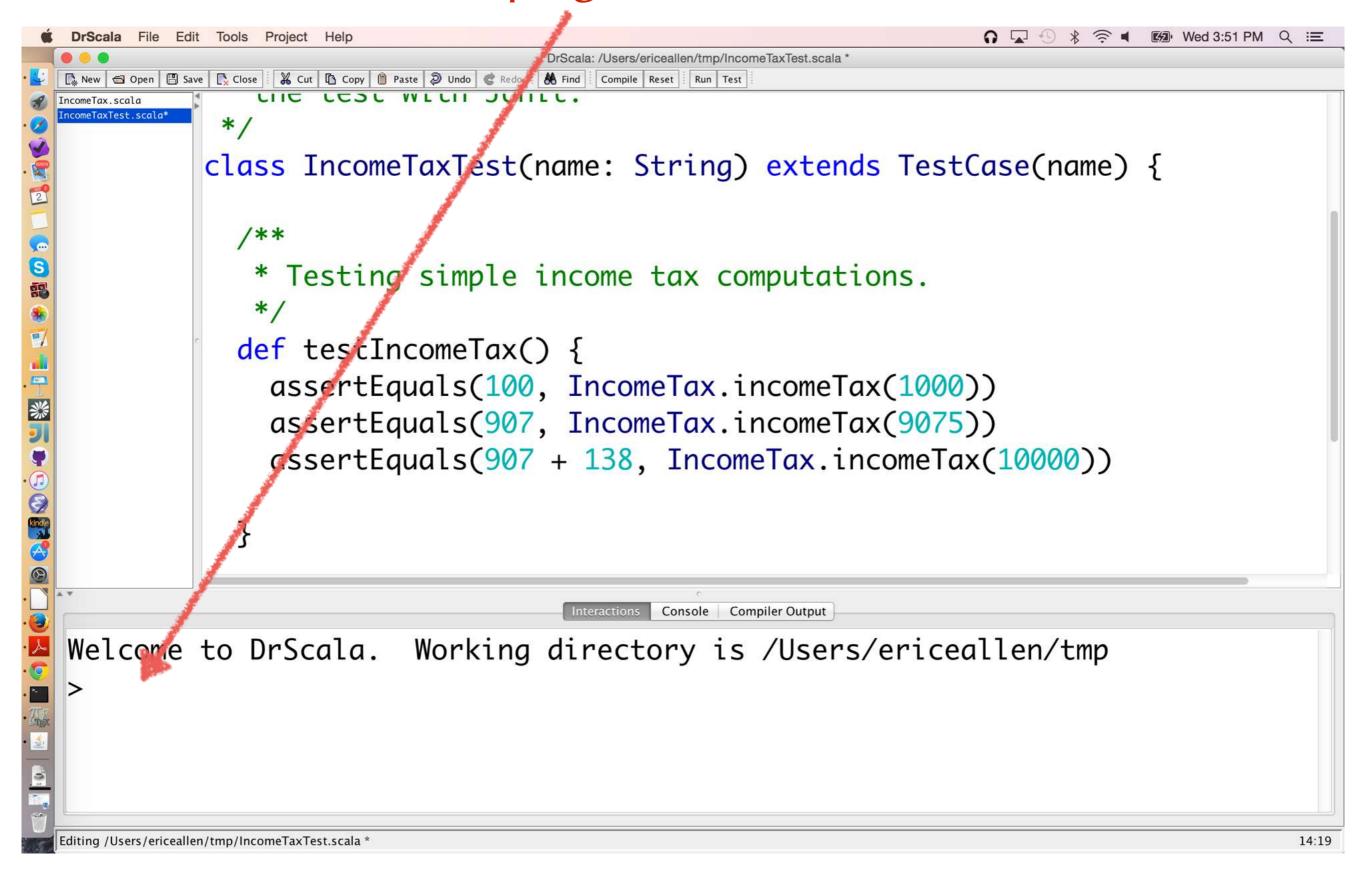
A green bar indicates that all tests passed

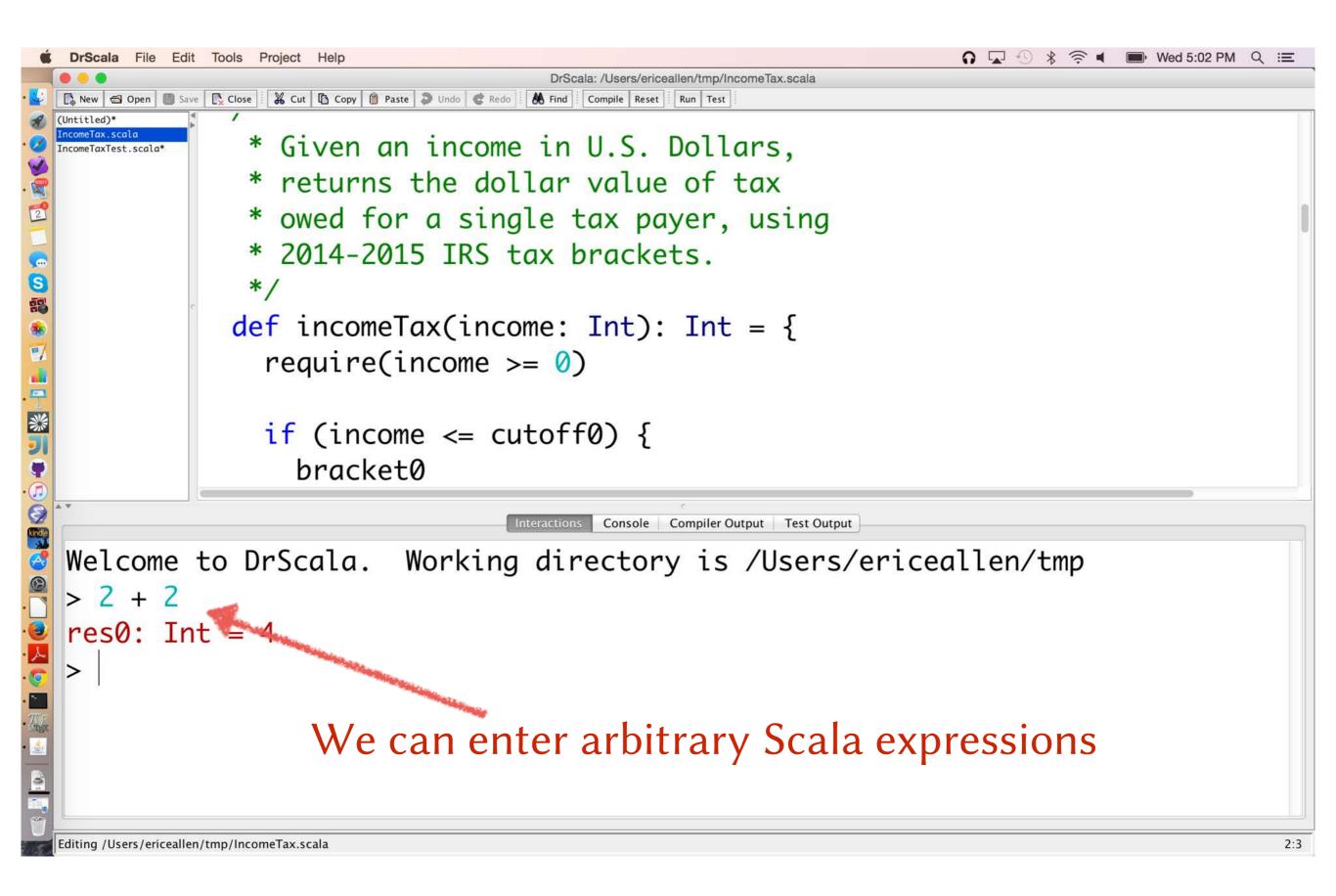


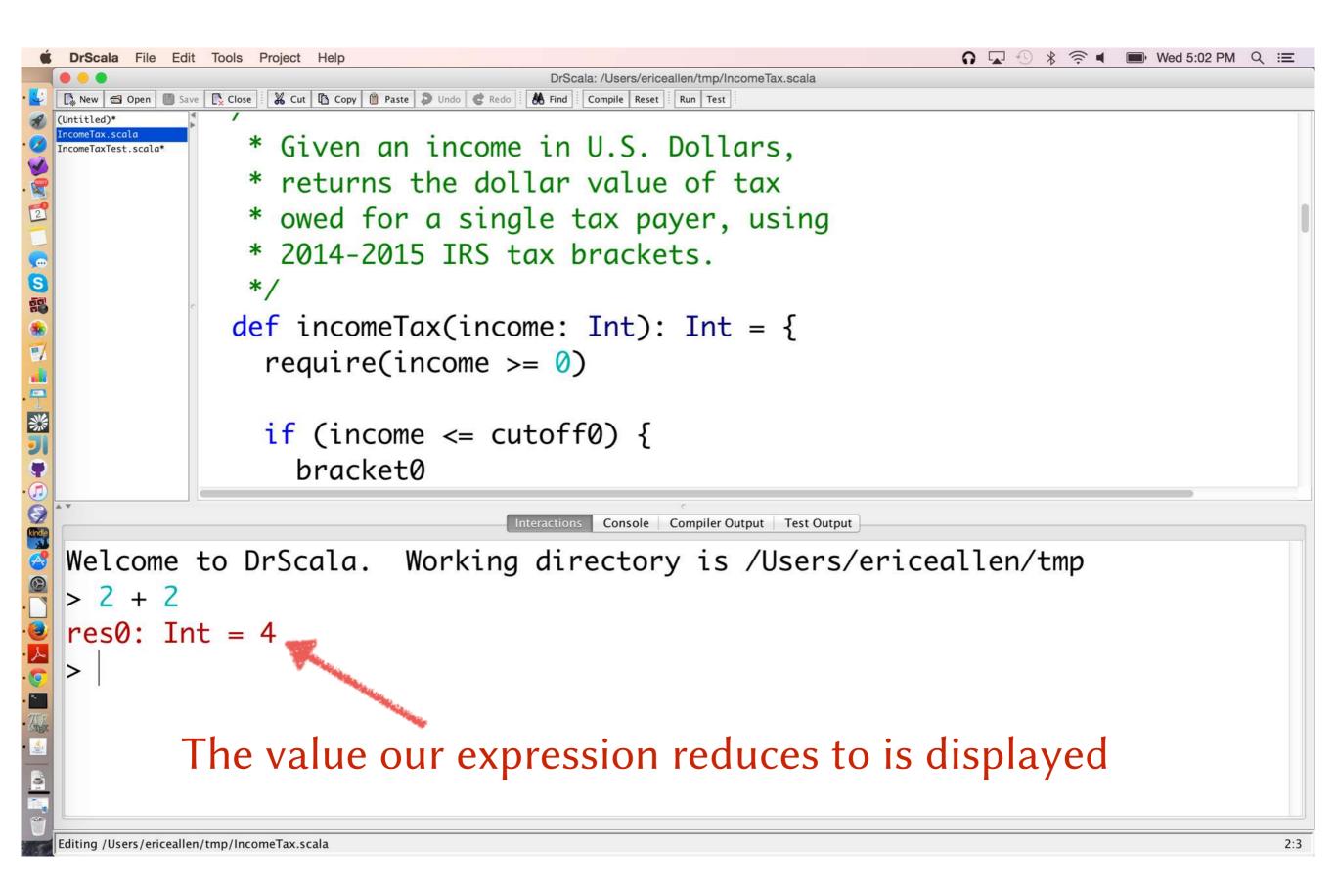


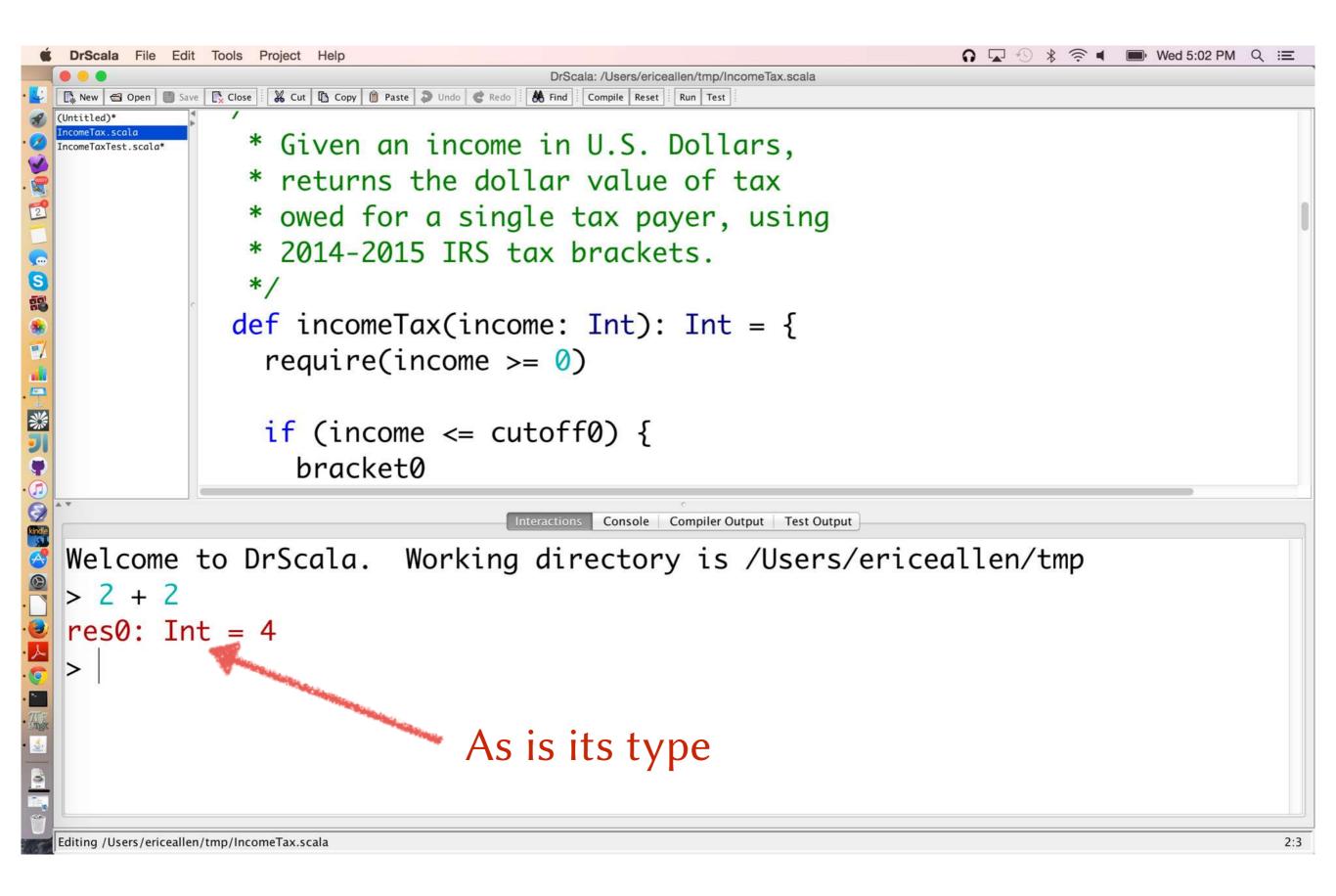


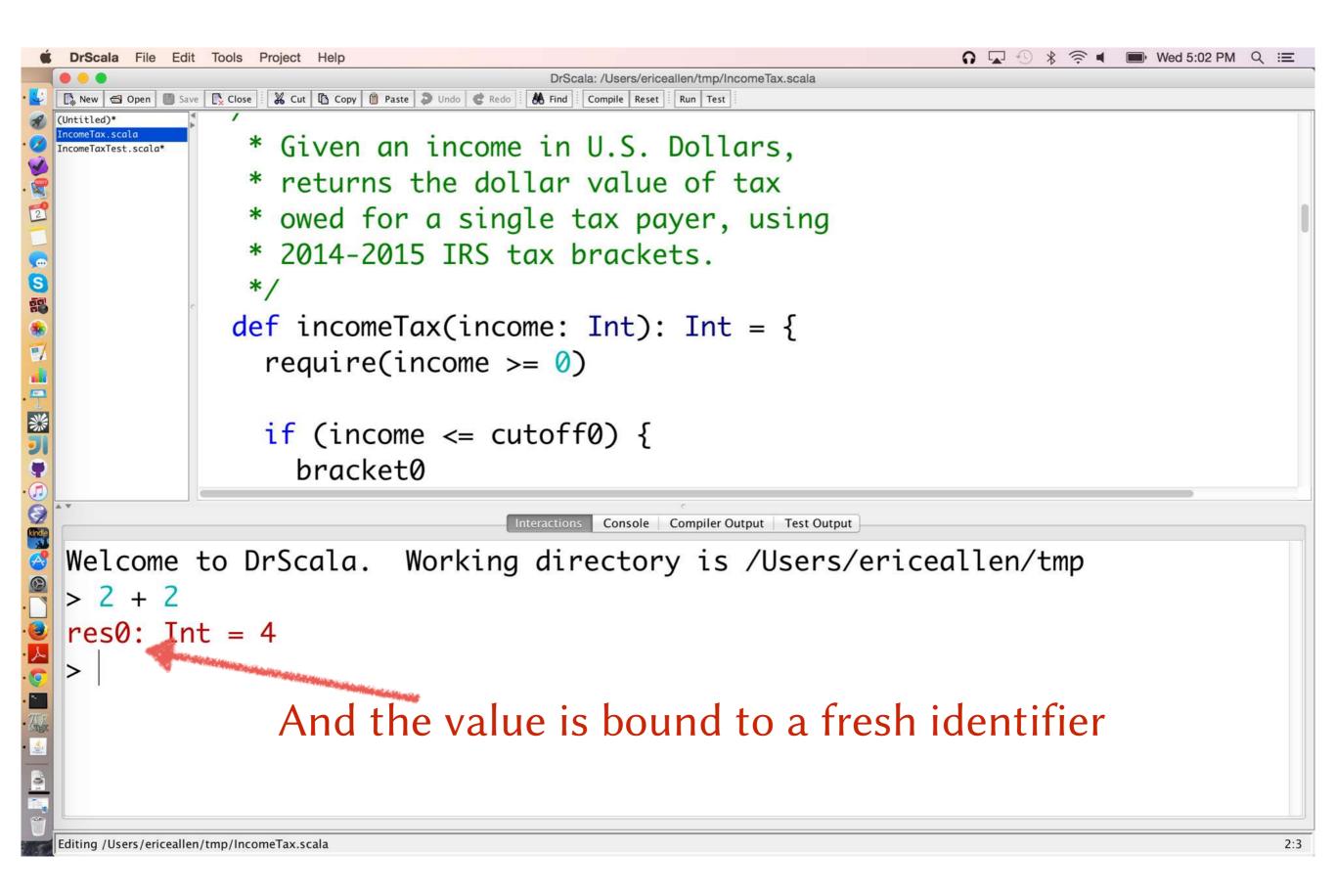
To interact with our program, we use the Interactions Pane

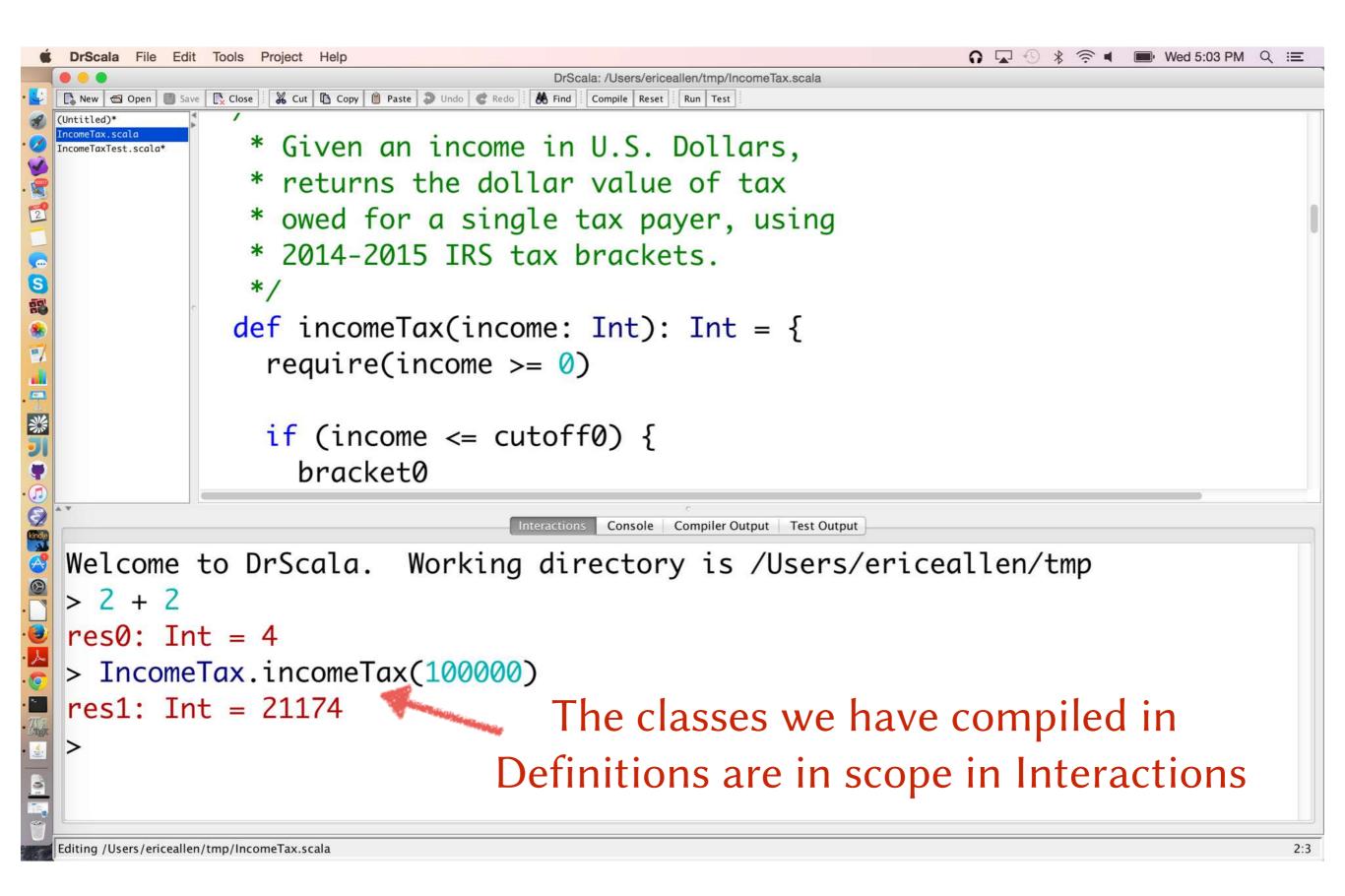


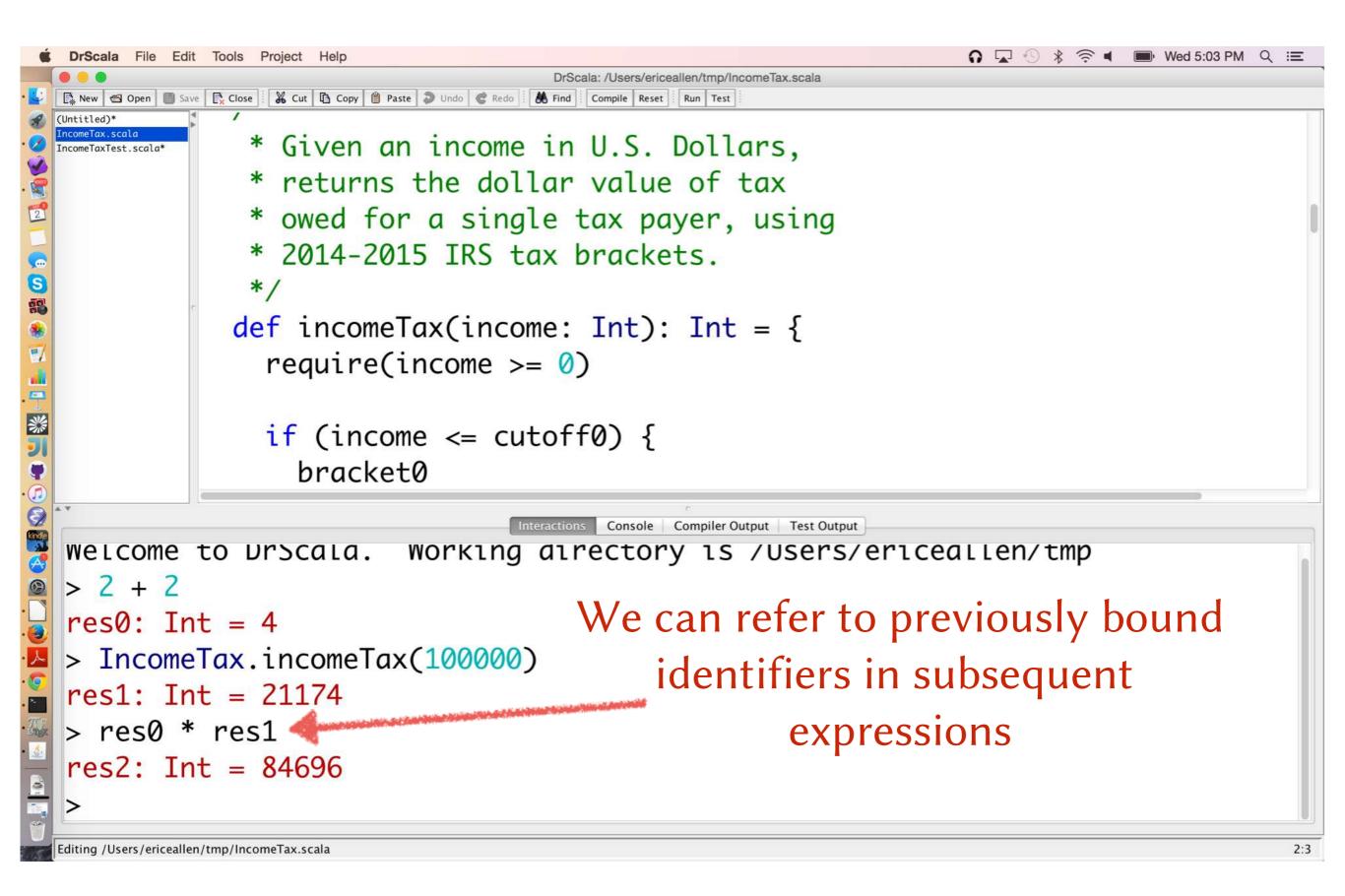


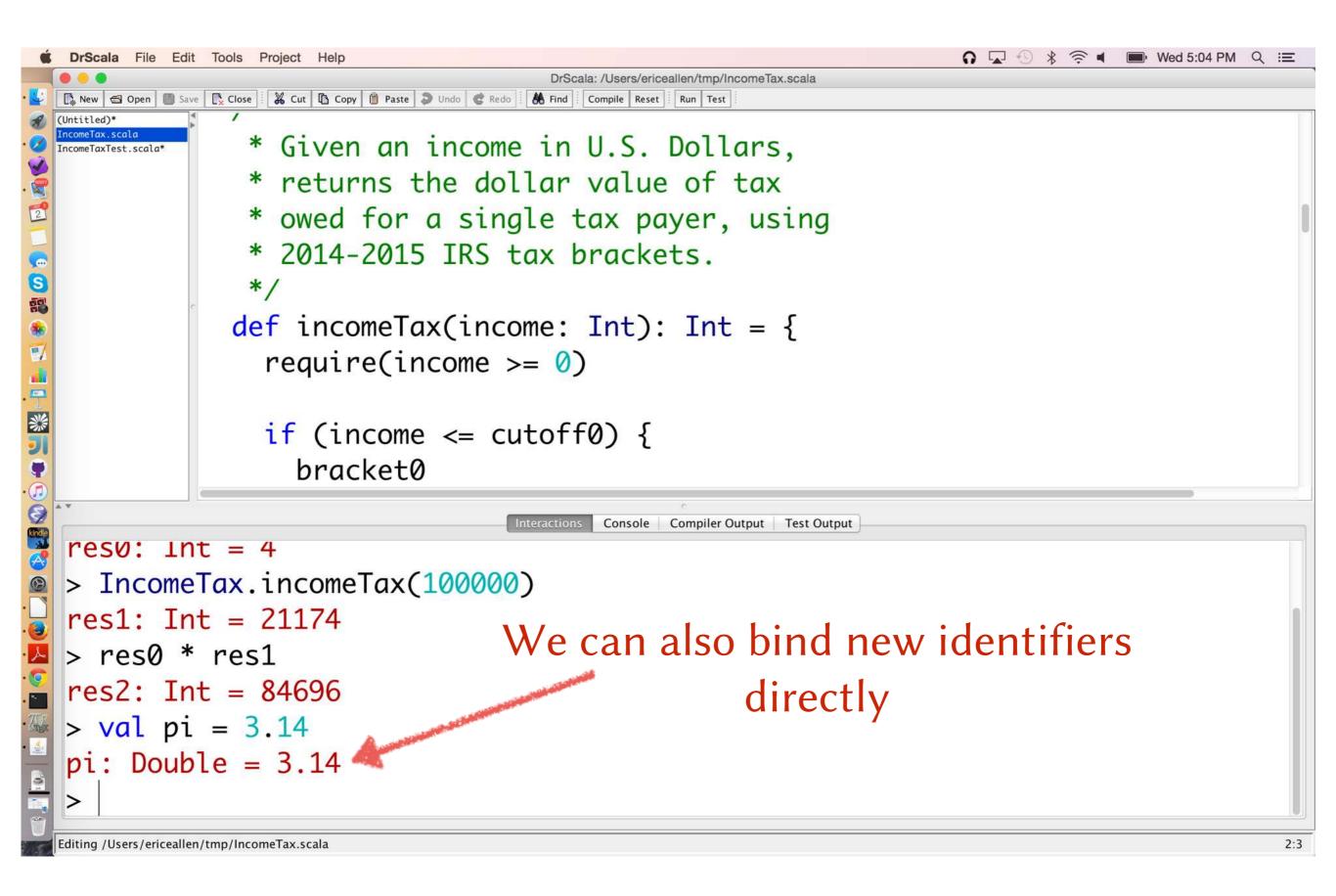


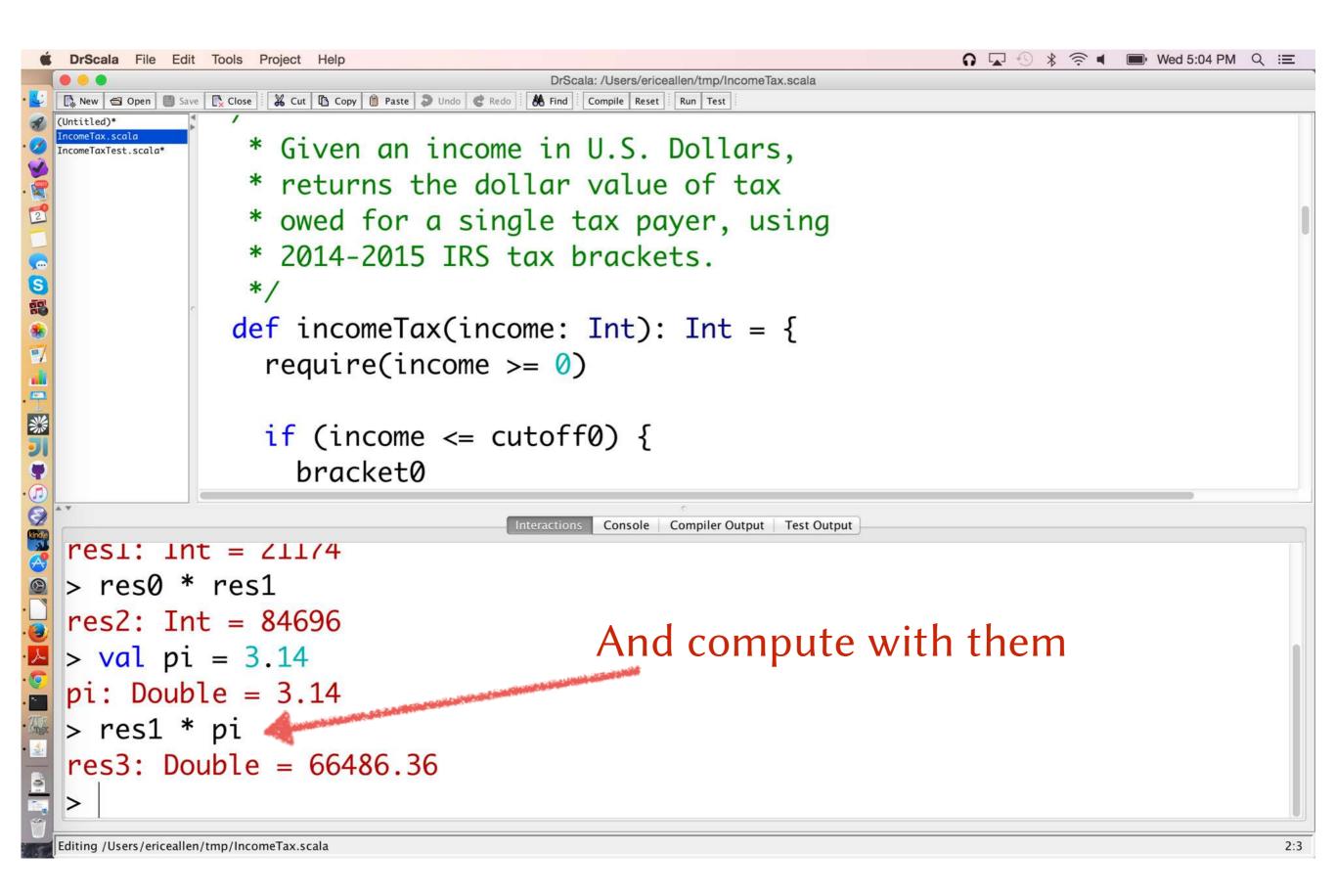


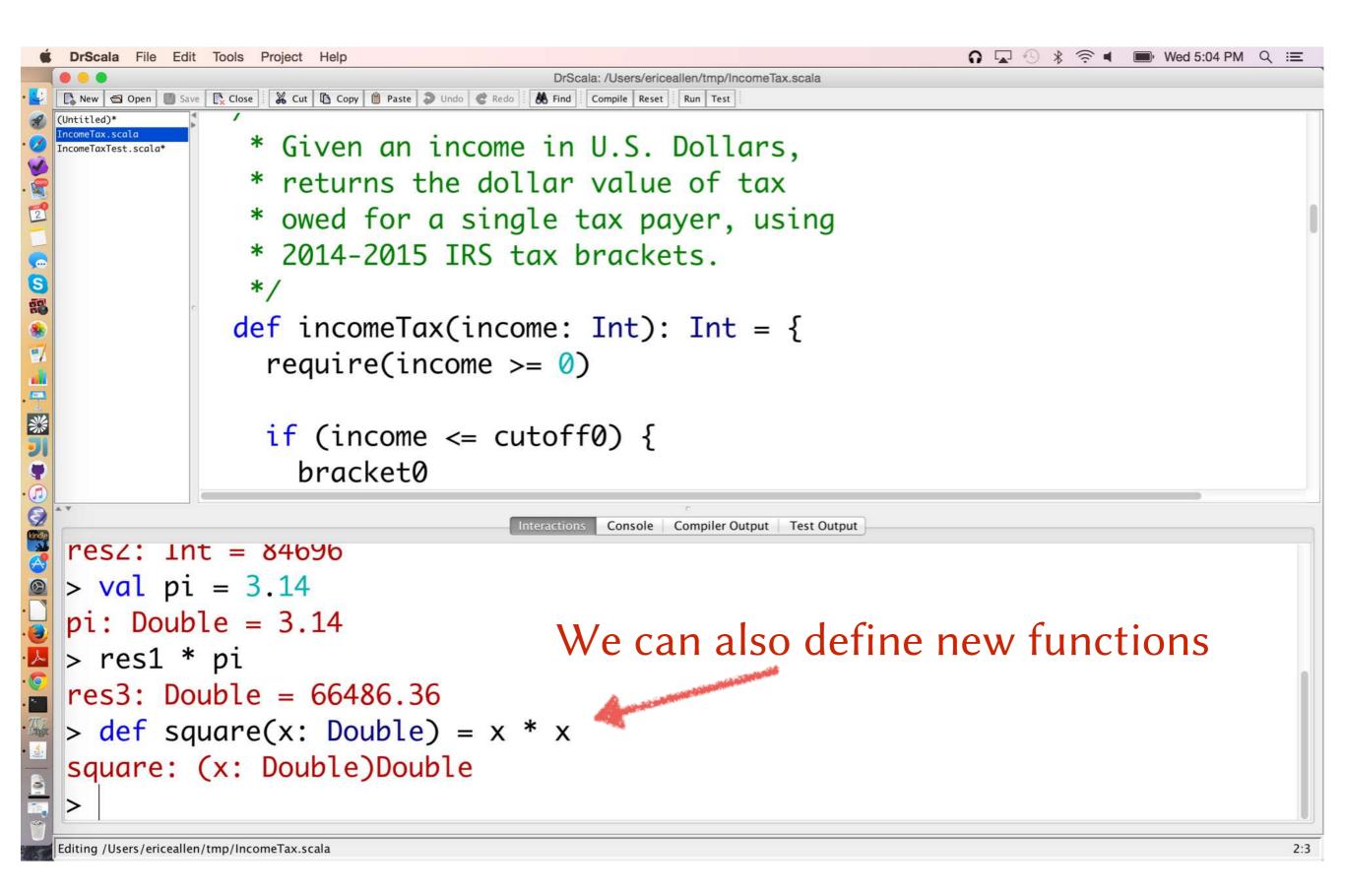


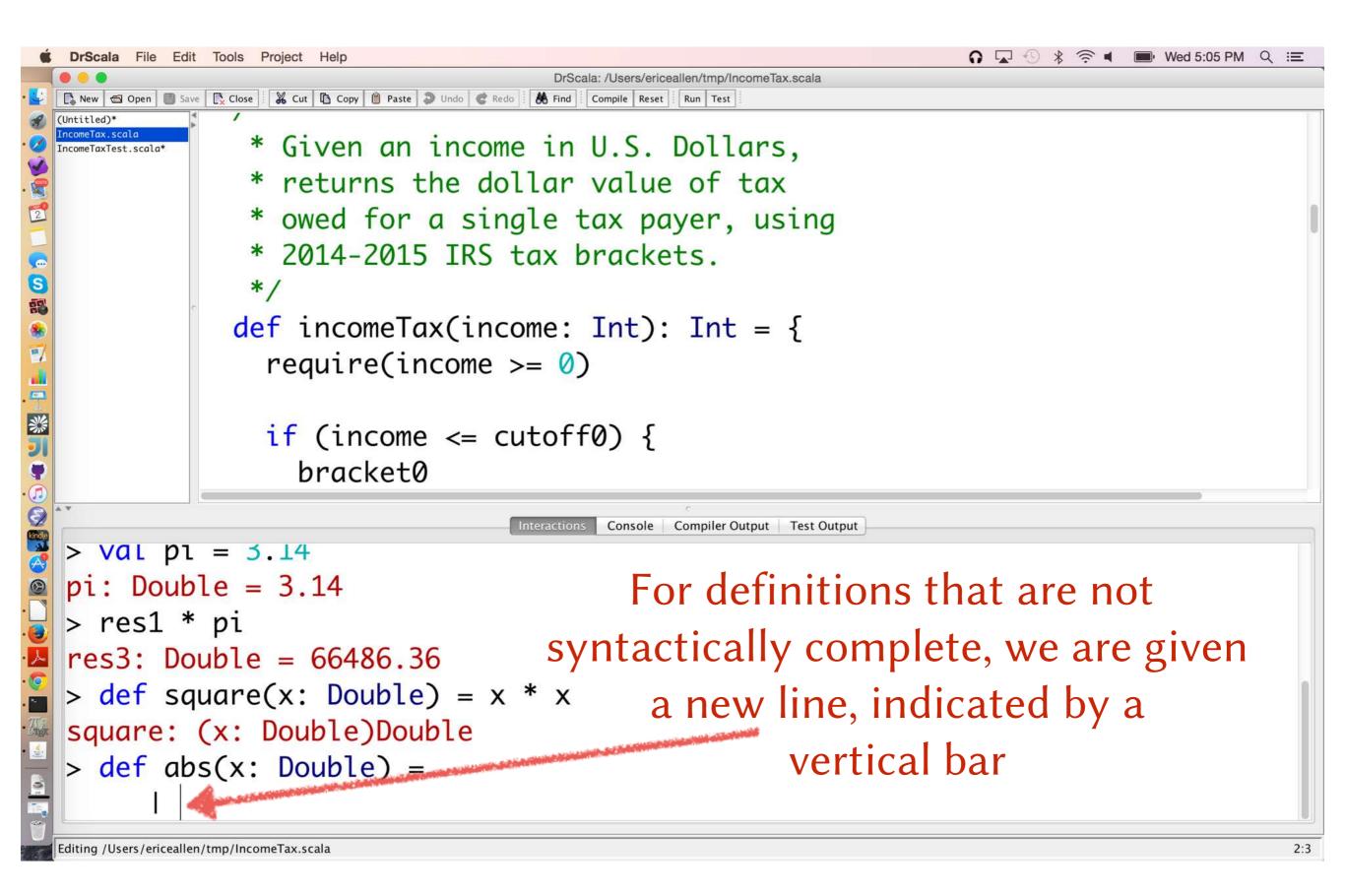


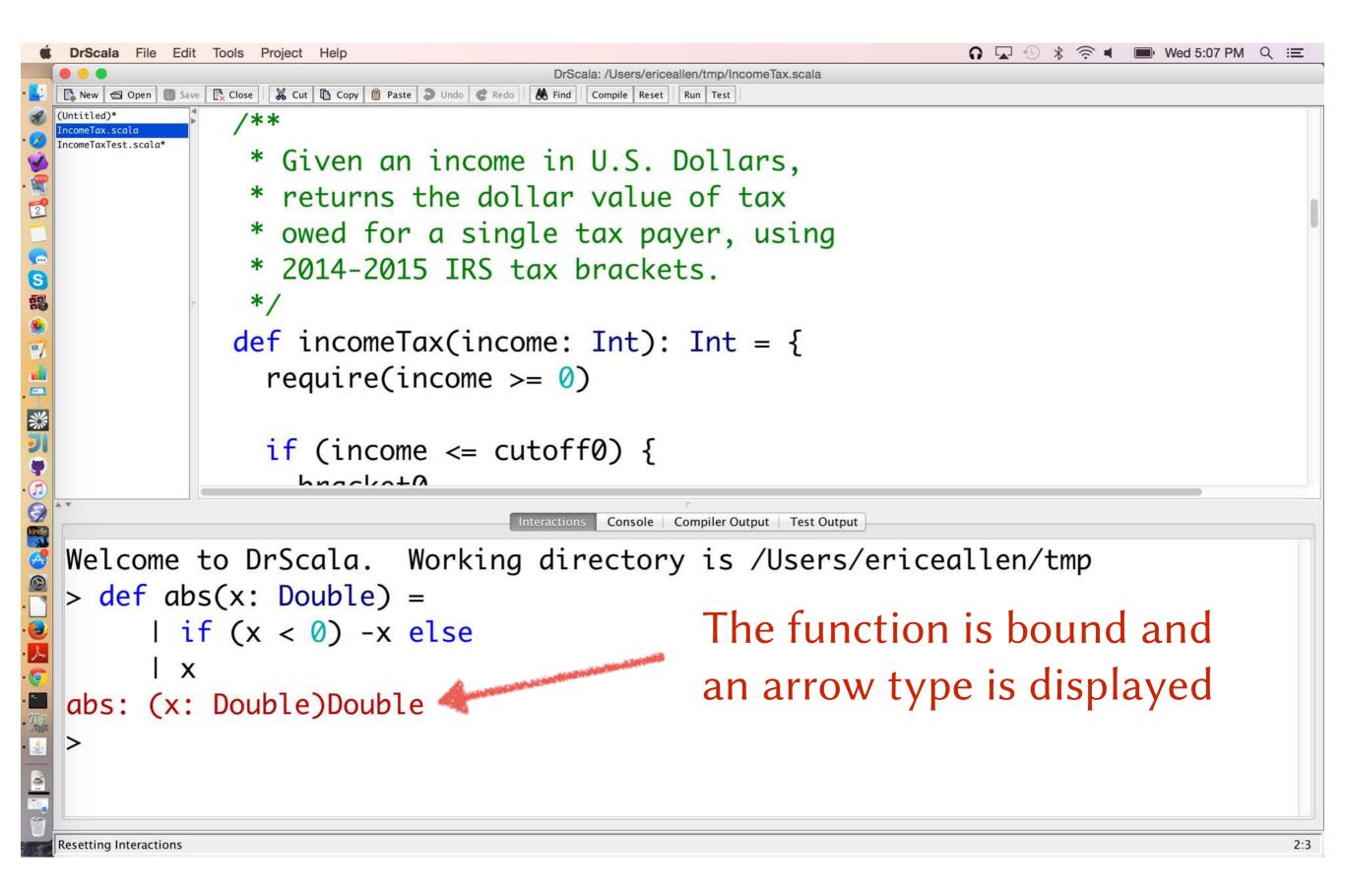


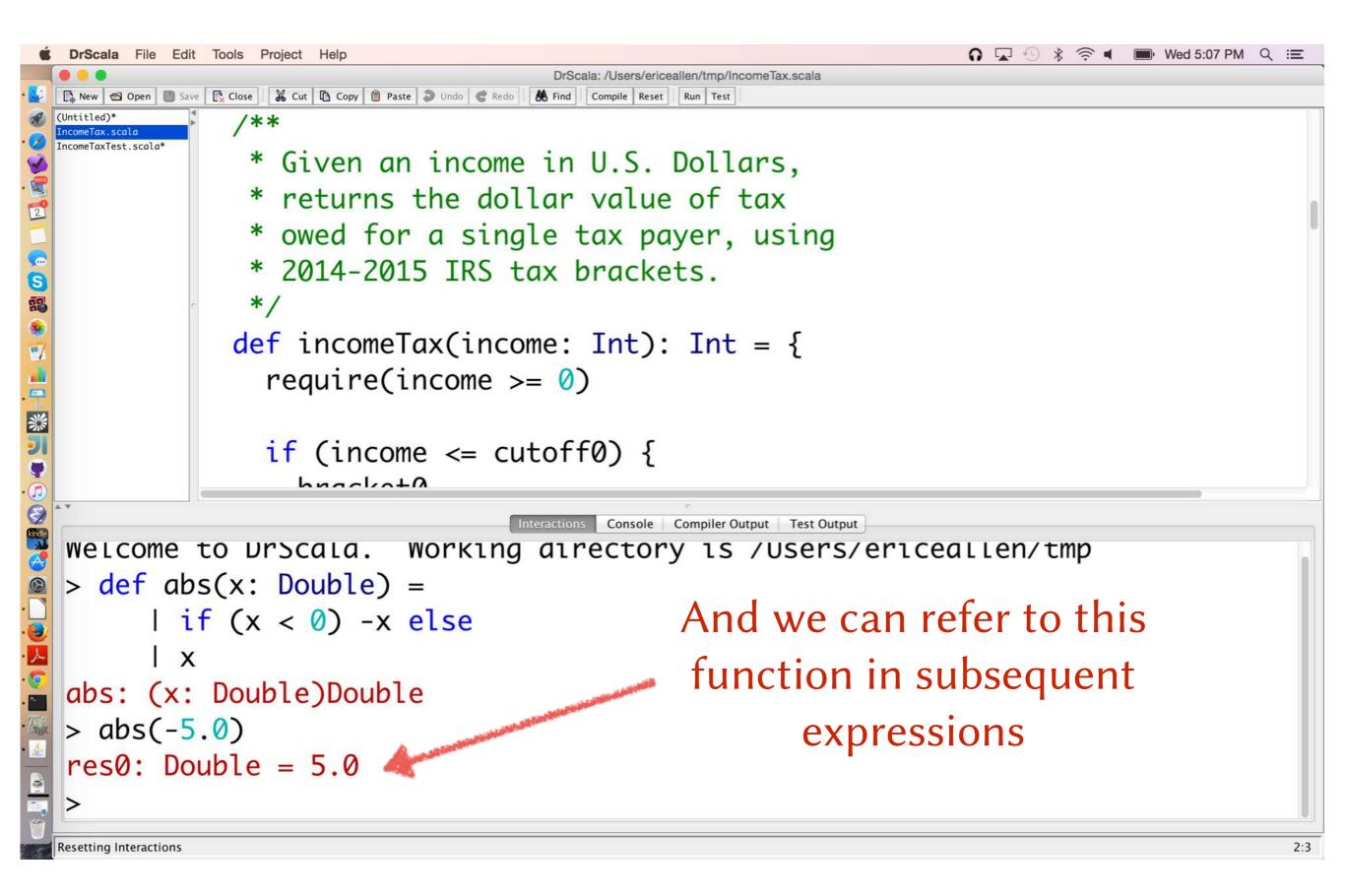




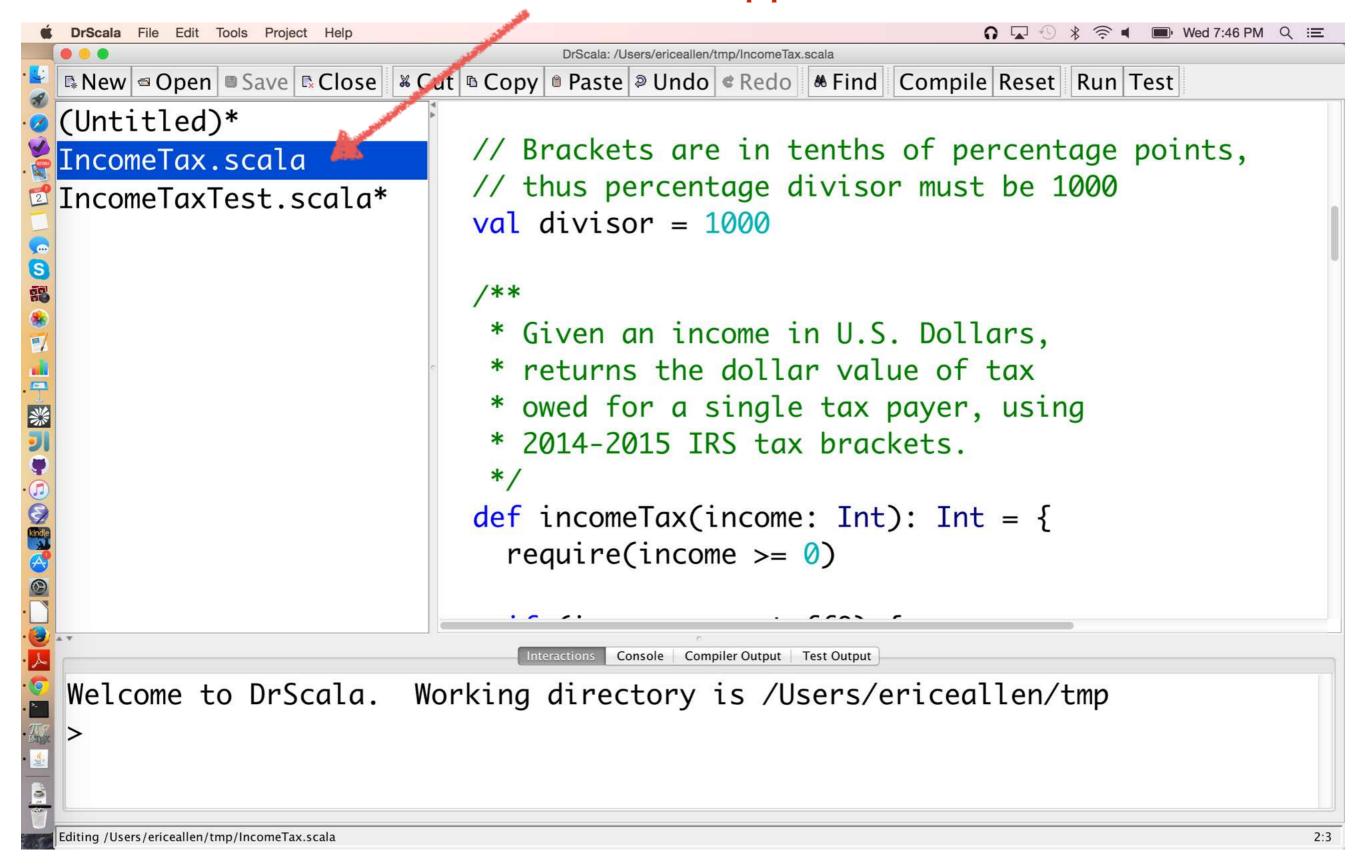




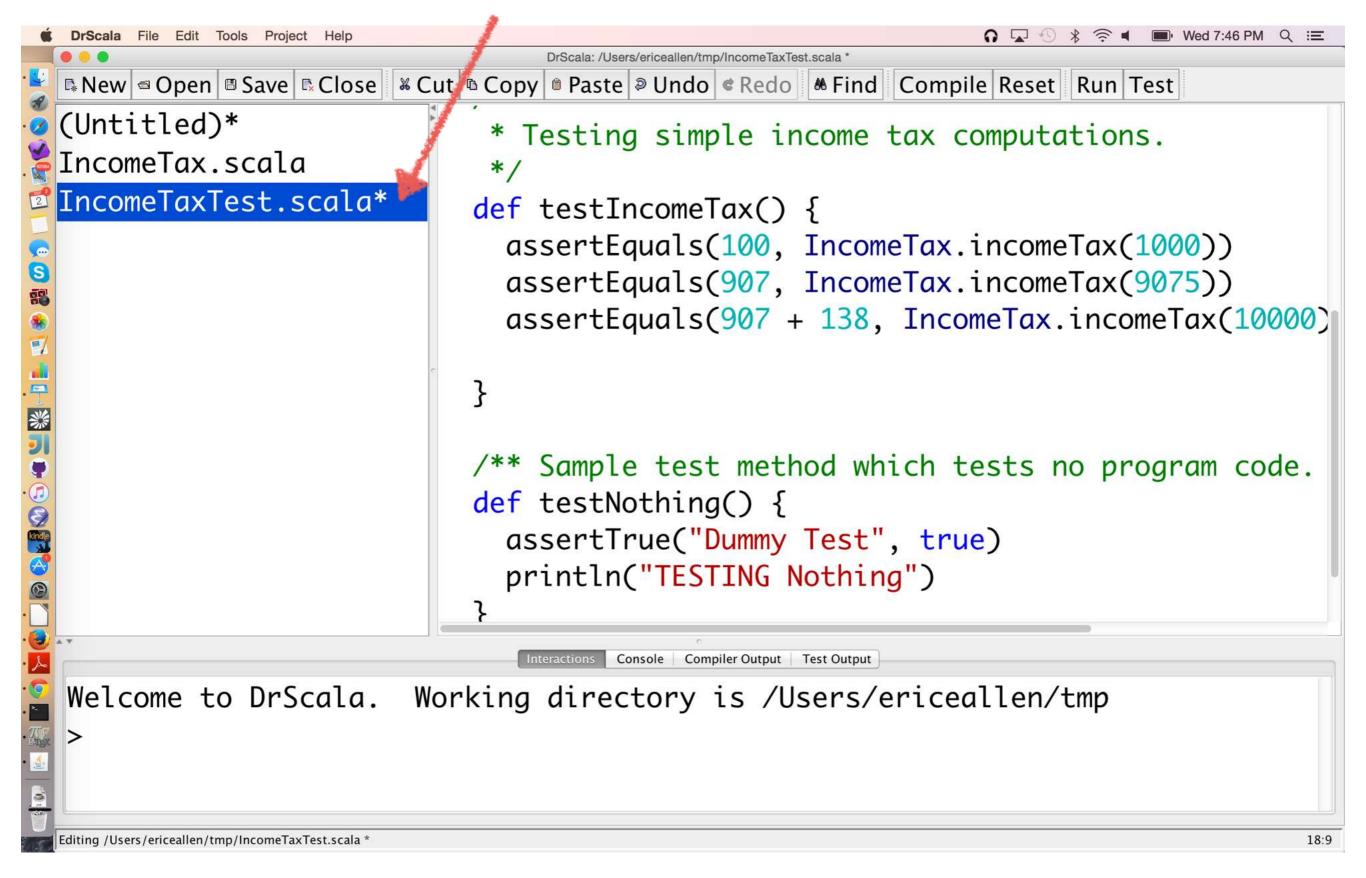




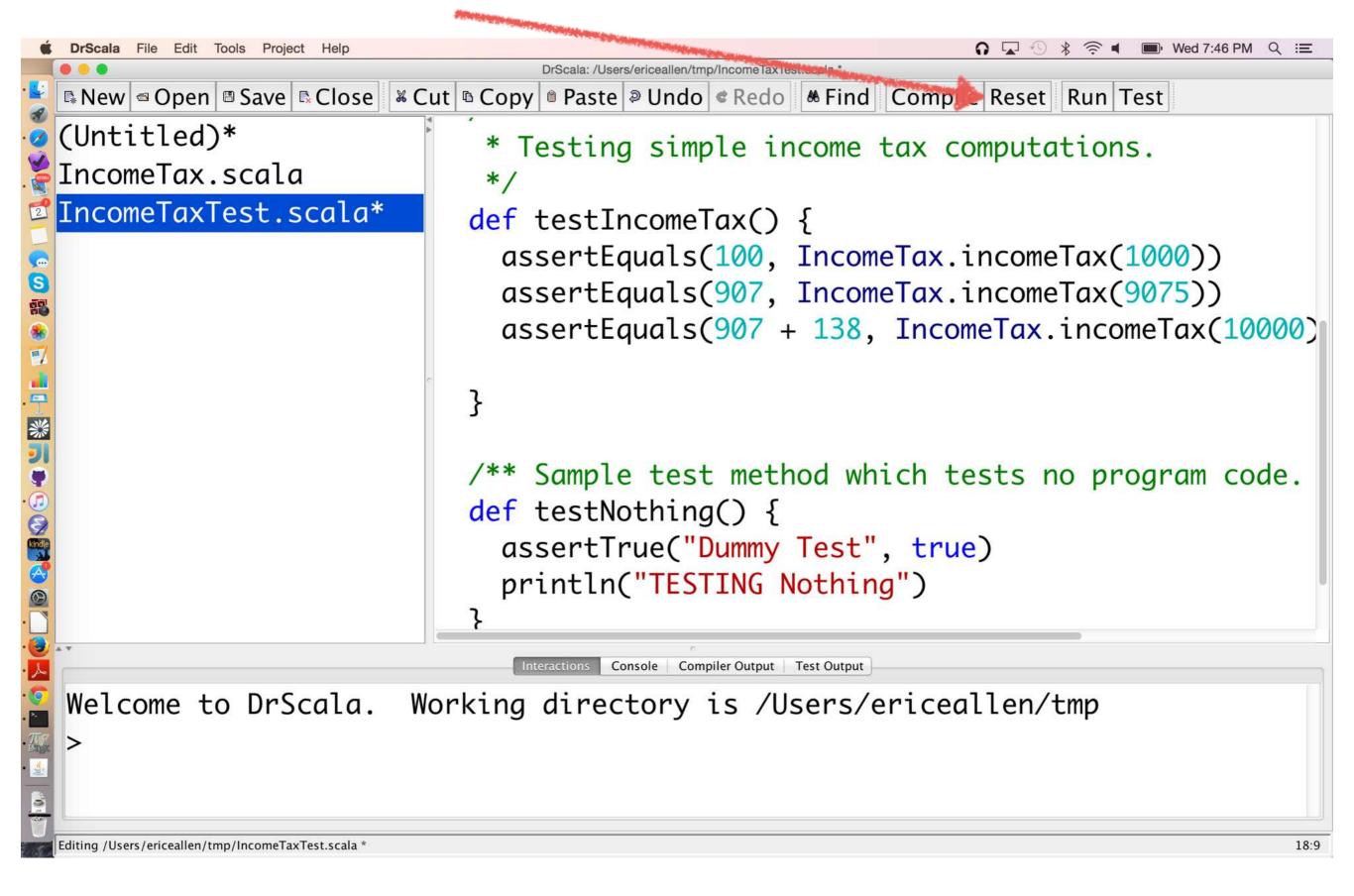
We can click on the file to appear in Definitions



Files that have not been saved include an asterisk



Reset resets the Interactions session



Run executes Definitions

