#CodeYork

# Solutions 2A

Summer 2017

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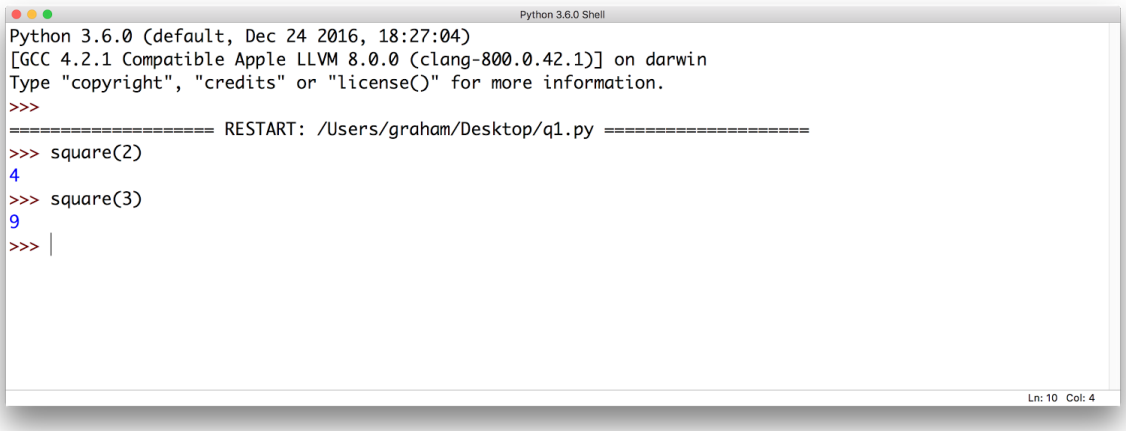
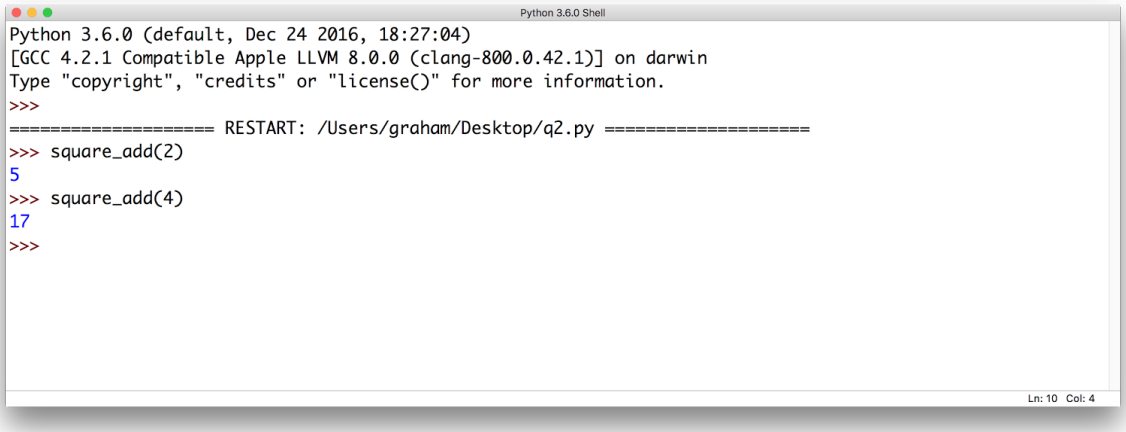
## Task 1 - Defining Functions

This is the first task in which we now expect pupils to save their work to a file, run it, and then test it works by typing into the interpreter.

# Task 2 - Calling Functions

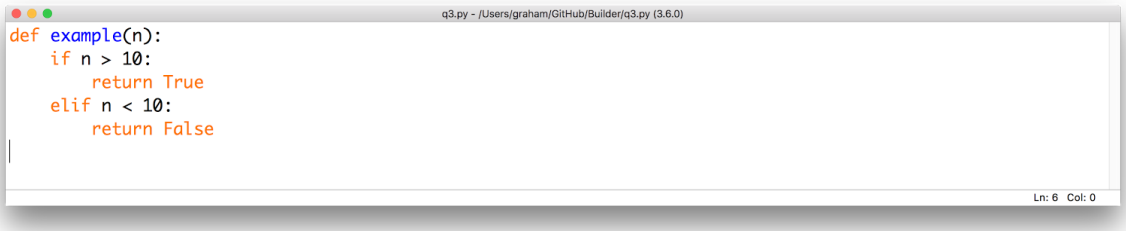
The pupils now need to reuse their existing square function from question 1 in order to build a function that also adds one to the result. Appreciating abstraction is an important skill, but takes some time to develop.

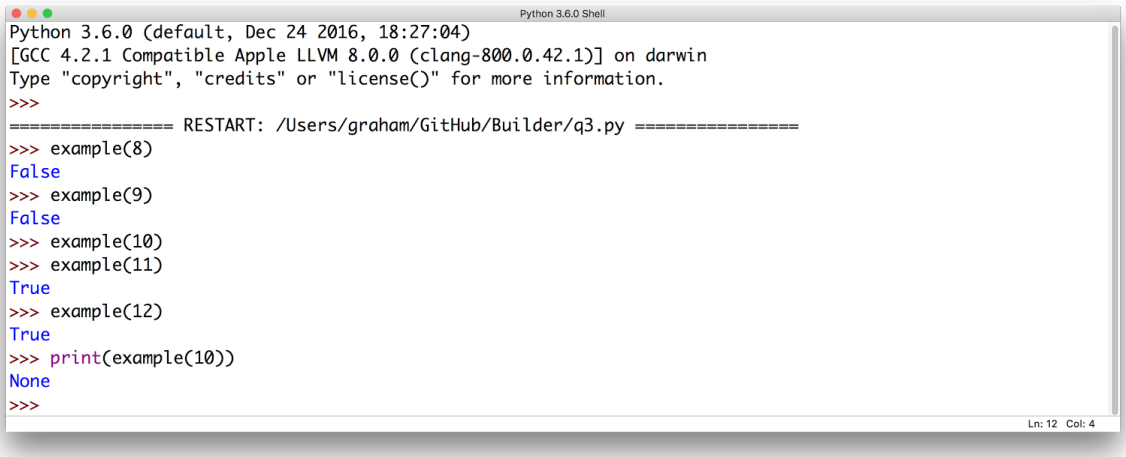



# Task 3 - Ifs and Functions

Pupils are now tasked with adding an elif block to the code given to them. They also have to recognize that there is no need for any other modifications to the code in order to achieve the task.

Note in particular how IDLE does not print the *None* for us by default. We can show it be calling print ourselves though.



# Task 4 - All Together Now

The final task is designed to test the understanding of functions. Once the idea is grasped, this task is straightforward, however, may prove to be difficult initially.