



What Does Code Mean? (Semantics of Python)

First, a little humor to start you off before we dive into the programming content for the day:

SEMANTICS

#096

A four-panel comic strip. Panel 1: A woman asks, "WHAT'S FOR DINNER?" and a man replies, "HOW ABOUT MEATLOAF?". Panel 2: The woman asks, "MEATLOAF? EWWWWW! BLEEAUUGH!". Panel 3: The woman says, "OK, NEVER MIND... HOW ABOUT A GIANT MEATBALL COVERED IN KETCHUP?" and the man replies, "OOO! YUMMY!". Panel 4: The woman is alone, looking thoughtful.

©2019 Mya Lixian Gosling & Andrea Annaba
Image Source: [Good_Tickle_Brain](#)
keepcalmandmuslimon.com

Now we are going to talk about the semantics of Python—that is, what does the code mean? In the case of a programming language, the meaning (or semantics) of the code specifies what it does when you execute it. These next videos will give you an introduction to the semantics of the basic operations in Python.

Why Semantics?



Variables and Expressions



Functions



Printing



Day 3, Part 1

Now it is time to do **01_read_fnc** on the Mastery Learning Platform. Log in to the course server, go to **01_read_fnc** in your git repository on the MLP and read the README for directions. When you have passed that assignment, return to Sakai and continue with the content here.

Control Flow

Conditional Statements



Loops



Day 3, Part 2

Now it is time to do **02_read1** on the Mastery Learning Platform. Login to the course server, go to **02_read1** in your git repository on the MLP and read the README for directions. When you have passed that assignment, then it is time to do **03_read2**. Login to the server, go to **03_read2** and read the README for directions. When you have passed that assignment, return to Sakai and continue with the content here.