

Day 02 - First Look at Python



Now that we have our tools ready, it is time to see what all the “Python” fuss is about. We are going to launch python from our terminal / command prompt.

Day 02 is very easy. We are going to get Python to print out text on our screens. That’s all. One of the most amazing and frustrating things about computer programs is that they do exactly what you tell them to do.

Computer Science Talk:

Python is an interpreted language. This means that your code is interpreted line by line and you required the interpreter (Python) installed on any computer you want your code to run on.

There other type of programming language is one that uses a compiler, such as Swift for Apple devices. Source code is compiled into a downloadable app and put on the App store. Once you download the complied App, it runs automatically on your devices without needing to install anything extra.

Let’s launch Python and see what happens.

Open VS Code and open your “14 Days Of Py” folder. Inside Day 02 create a new file called: main.py.

Create a new terminal

Type “python”

>>> this is the REPL. (read-eval-print loop)

In Day 02 we are just going to be looking at one function. The print() function.

Here is your print() function cheat sheet:

<code>print("Hello World")</code>	anything inside the “ ” is printed to the screen
<code>print('Hello World')</code>	anything inside the ‘ ’ is printed on the screen
<code>print("\n")</code>	prints a new line
<code>print(""" """)</code>	prints multiple lines at once

Anything inside the “” is called a STRING (more on this in a few days)



Day 02 - User Challenge



Now that you've seen the different ways of using `print()` it is time to complete today's challenge:

Just like anything that requires practice, we want to get just 1% better at each time. All you need to do is print the following on screen:

1. Python is fun
2. Python is easy
3. I'm acing the challenge
4. `***your name ***` (ie: `***Clinton***`)
5. Let's learn together!
6. "We love Python" they all said.
7. 123
456

Once you've completed these in your terminal feel free to print your own statements. Do this as many times as you need to feel comfortable using the `print()` function.

Well done! Tomorrow is going to be very cool because we are going to start doing some arithmetic with Python! I cannot wait!

Good luck and see you tomorrow!

