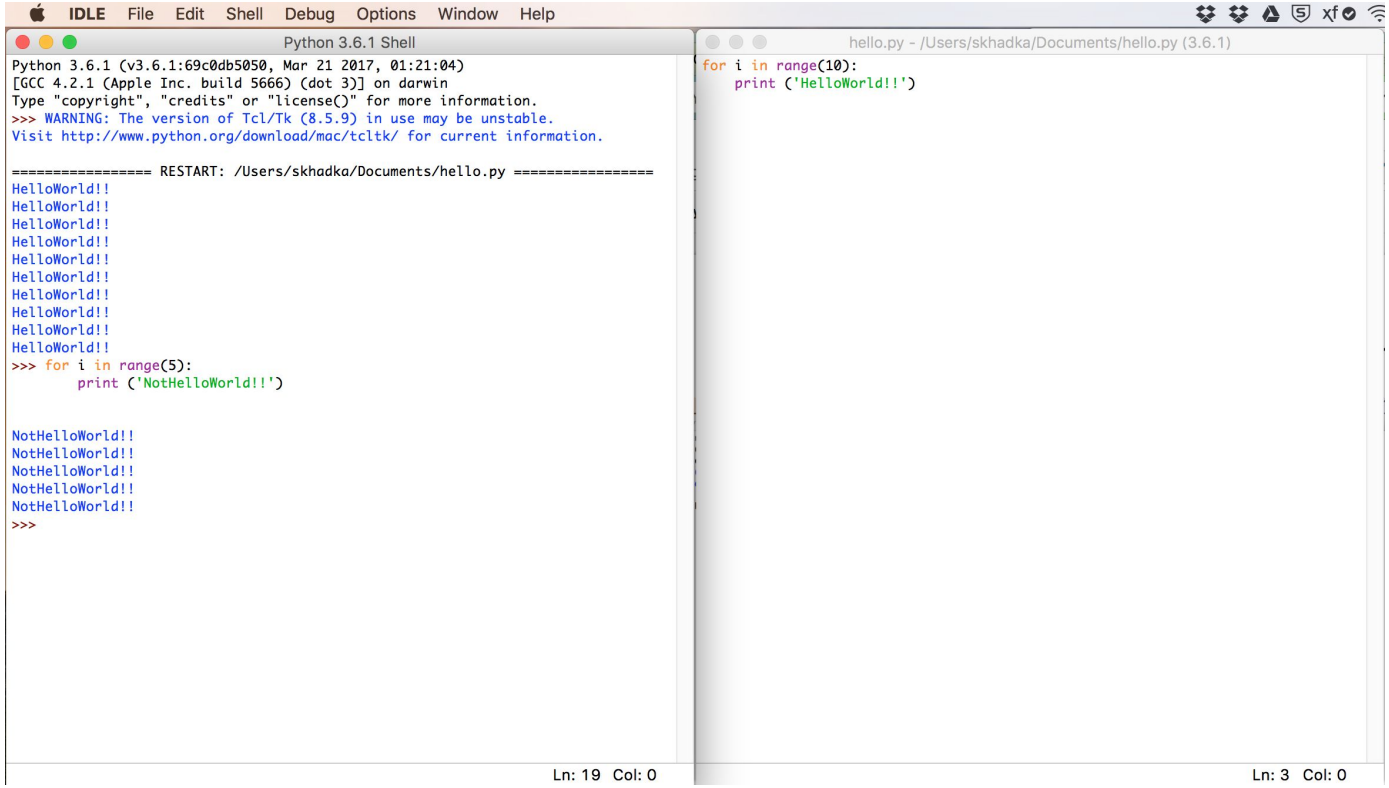
BU CodeBreakers 2017

Terminal

Before: IDLE (**I**ntegrated **D**eve**L**opment **E**nvironment



What is a shell/Terminal?

What is Shell/Terminal?

- User program provided for user interaction
- Command language interpreter that executes commands from a standard input device (keyboard) or a file
- Benefits?
  - Faster than GUI
  - Quick and dirty way to execute utilities

Some Terminal **Commands**

1.	Get working directory	**pwd**
2.	List everything inside working dir	**ls**
3.	Change into the directory:	**cd** *directory_name*
4.	Make a directory:	**mkdir** *directory_name*
5.	Make/edit a file:	**echo** “text” > *file_name*
6.	Display file contents:	**cat** *file_name*
7.	Get command descriptions:	**man** *command*
8.	Additional commands:	

https://learnpythonthehardway.org/book/appendixa.html

Running Python scripts

1. Open a text editor (gedit)
2. Write a program named helloworld.py that prints “Hello World!!!”

   Hint: print (‘what should I print?’)
3. Save the program
4. How should you run the program?

   Hint: Terminal

```
>>> python helloworld.py
```