First Steps in Python

Objectives

Beginning to work with Python

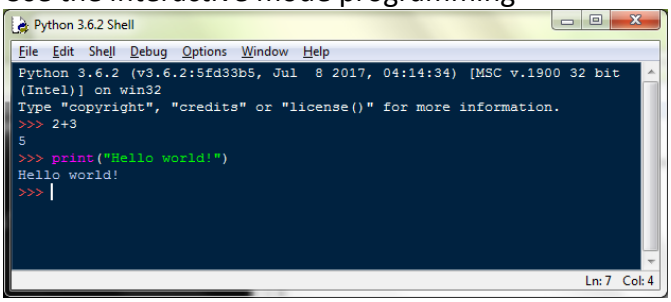
- Setup Python working environment
- Execute simple instructions using the Python interpreter
- Implement simple programs using Python IDLE and execute them

Setup Python working environment

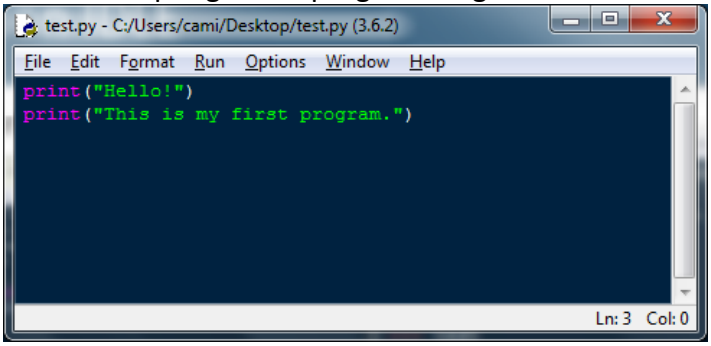
- Download Python 3.6.x from http://www.python.org/
- Choose the Windows x86-64 executable installer
- Launch the executable file. Check "*Add Python 3.5 to PATH*" and then select "*Customize installation*".
- On the lab computers, use "*C:\Temp\Python36*" as the installing folder.
- For more instructions on Python installation: http://www.youtube.com/watch?v=4Mf0h3HphEA

Using the Python interpreter

- IDLE = **I**ntegrated **D**eve**L**opment **E**nvironment
- Launch the IDLE from Start menu/Search Windows
- Try some simple instructions (see example below)
- Use the interactive mode programming



- Use the scripting mode programming: *File -> New File…*



Solve some simple problems

1) Compute the sum of two given numbers.
2) Compute the product of the first ***n*** natural numbers.
3) Verify if a given number is perfect square.