

Python Interpreter

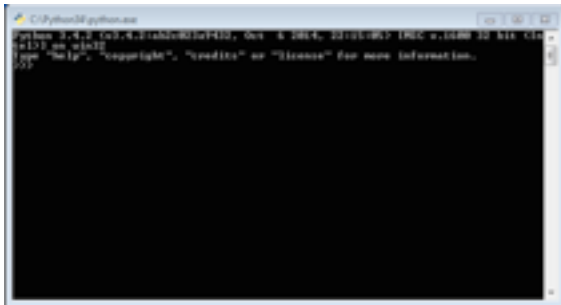
Purpose:

We don't speak *machine language*. But **Python** can! We need a way to talk to the computer in a way that we can easily understand. Python takes the commands we want to run and tells the computer what we want to do. This process is called *interpreting* and the **Python Interpreter** is what does this for us.

Goals:

- ★ Discover the purpose of an interpreter.
- ★ Learn the different modes of the Python interpreter
- ★ Open the Python Interpreter
- ★ Discover how to interact with the interpreter to get results!
- ★ Discover how to get help!
- ★ Find out how to tell if things go wrong

Two ways to access it.



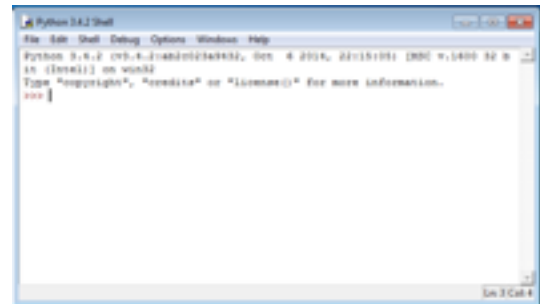
Command Line

PROS:

Full access to Python.
Quickly test out code.

CONS:

No extra features.
For more advanced users.



IDLE GUI

PROS:

All the good from the command line.
Syntax highlighting.
Script editing.
And More!

Let's use the IDLE GUI

IDLE is just the name Python gave to its built in editor. In fact it is much more than just an editor but we'll cover that later.

GUI stands for **Graphical User Interface**. Basically it means that it interacts with you in a visual way as opposed to the plain boring text of the command line.

Flip Over to get started!