



Setting up your Python IDLE

www.hyperiondev.com

Introduction

Welcome to your **HyperionDev Bootcamp**. We are happy to see you embark on this new adventure to learn coding. :)

In this short guide, we will give you some instructions on how to set up your working environment before you start your course. Having the right tools will make it much easier for you to dive into coding in no time.

What is IDLE?

IDLE is the integrated development environment (IDE) provided with Python. An IDE combines a program editor and a language environment as a convenience to the programmer. IDLE comes with Python, and it is not too complex for beginner programmers to use effectively.

IDLE has two main window types, the Shell window and the Editor window. It is possible to have multiple editor windows simultaneously.

Launching IDLE

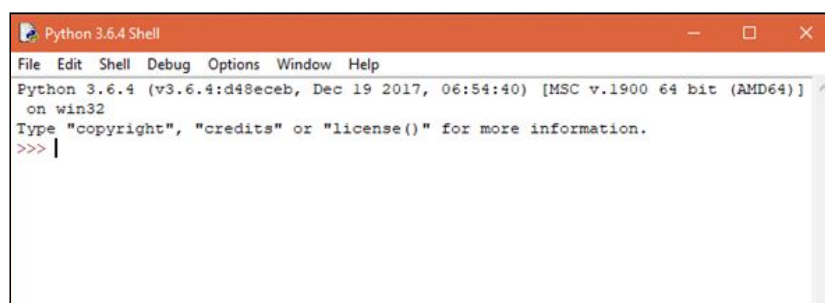
If you are reading this, you have probably already installed Python and IDLE from the Installers folder in your Student Dropbox or from the [Python website](#). If not, now would be a good time to do so.

Clicking on the **Python IDLE icon** will launch IDLE and display the Python Shell window.

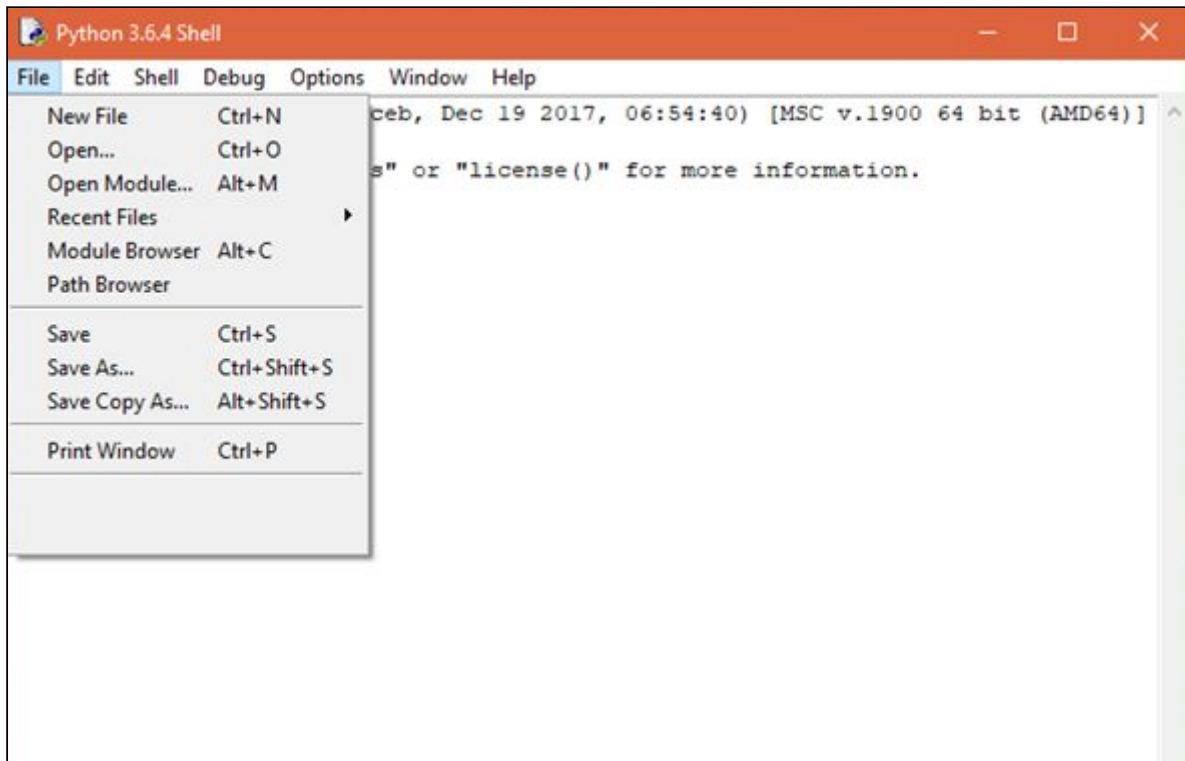


Using the Python Shell Window

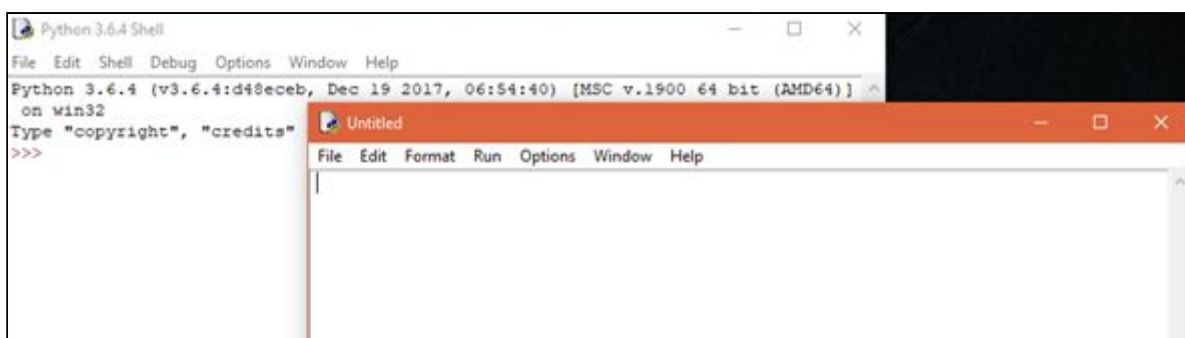
The IDLE's Python Shell window will look like this:



If you click on the “File” tab on the top left corner of your Python Shell window, you will have a dropdown list with the first selection being “New File” that will allow you to create a new file editing window.

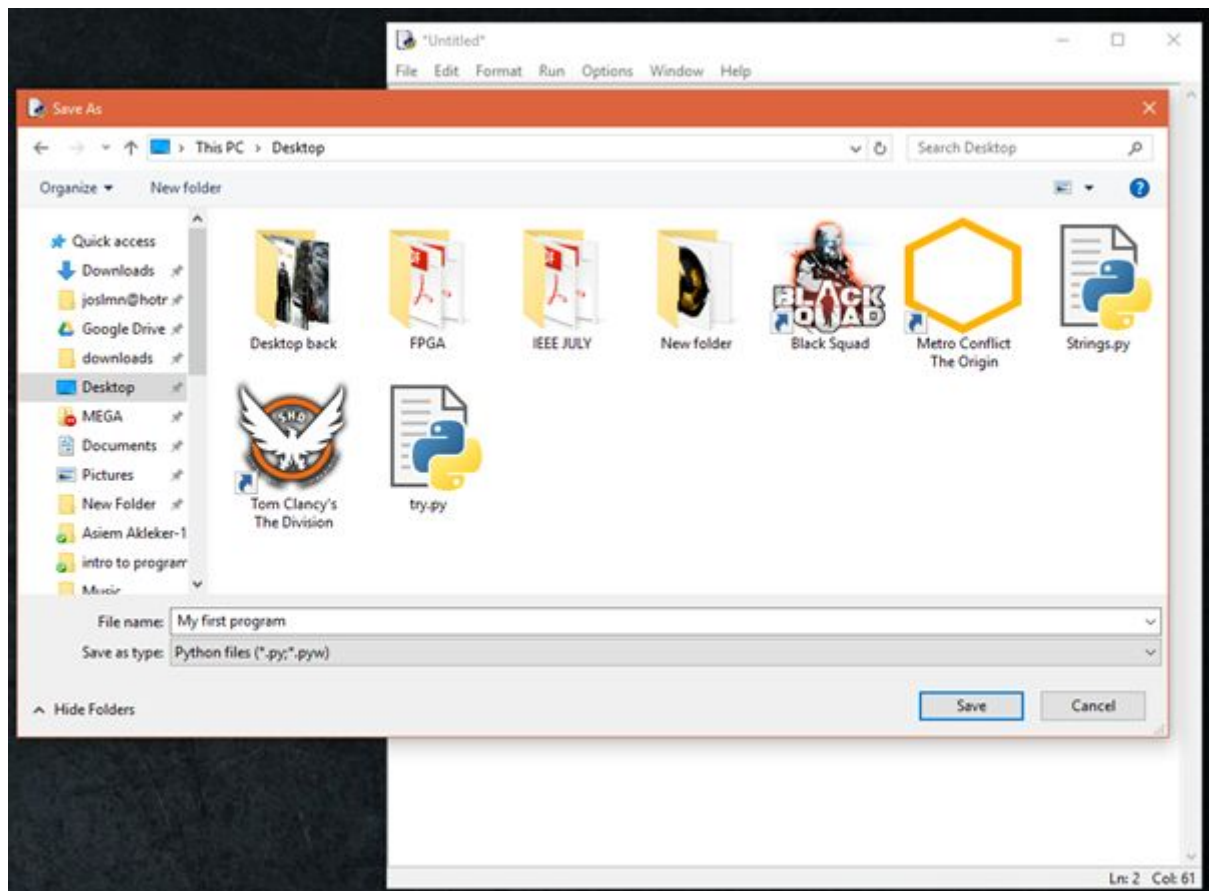


After clicking on the “New File” option, a new editing window will open up.



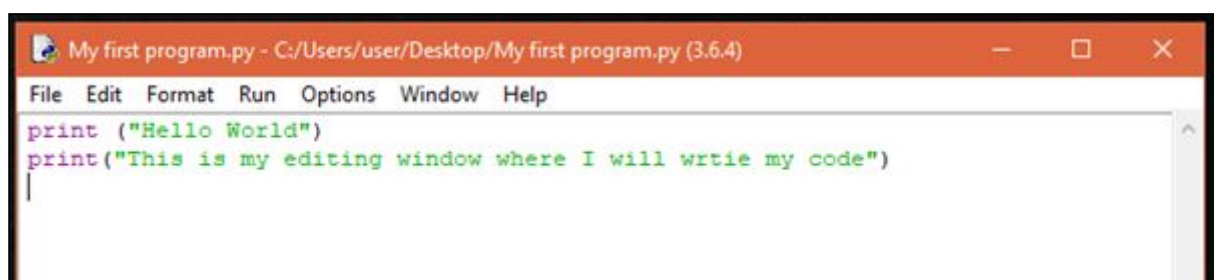
The next thing you'd want to do is save your file, by pressing **Ctrl+S** or going into the “File” menu and select “Save”.

Once you press save, the following (see pic below) window will open and you will have to **enter your file name** at a specific location on your computer. Note that Python will automatically give the “.py” extension to your file, hence there is no need to add “.py” after naming your file.



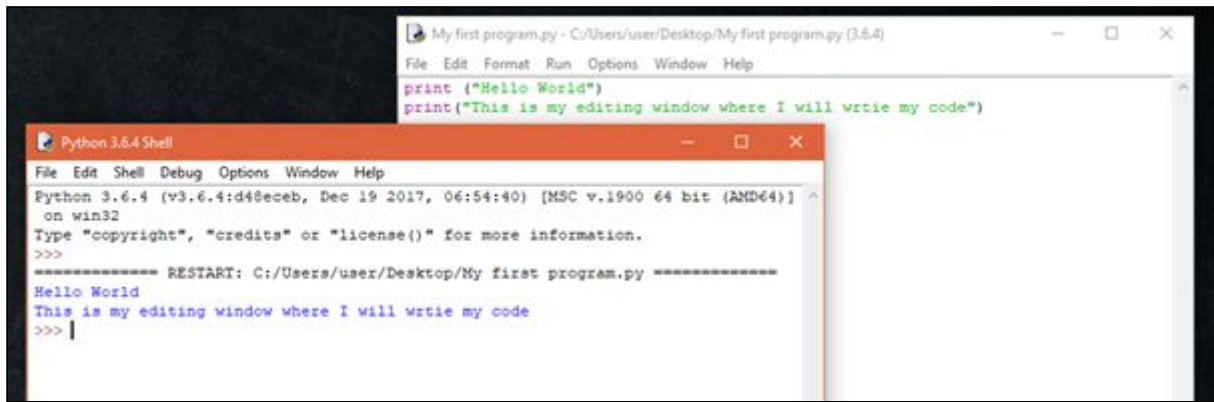
You can then start typing your Python code in this window.

Notice that Python keywords will be highlighted in different colors, as shown in the picture below:



Once finished with your Python code, you can **press F5** or go under the “Run” tab menu and select “Run” to *Compile and Run* your program.

The Python Shell will open with your expected Output as shown in the picture below.

A screenshot of the Python IDLE environment. The top window, titled 'My first program.py - C:/Users/user/Desktop/My first program.py (3.6.4)', contains the following code:

```
print ("Hello World")
print ("This is my editing window where I will wrtie my code")
```

The bottom window, titled 'Python 3.6.4 Shell', shows the output of running the program:

```
Python 3.6.4 (v3.6.4:d48eceb, Dec 19 2017, 06:54:40) [MSC v.1900 64 bit (AMD64)]
on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/user/Desktop/My first program.py =====
Hello World
This is my editing window where I will wrtie my code
>>> |
```

Congrats! You now know how to run a program using the Python IDLE.

If you have any issues regarding your installation or use of Python IDLE, please contact your mentor and they will assist you in setting up your working environment.

The Hyperion Team



**SHARE YOUR
THOUGHTS WITH US**

Hyperion strives to provide internationally-excellent course content that helps you achieve your learning outcomes. Think the content of this task, or this course as a whole, can be improved or think we've done a good job? [Click here](#) to share your thoughts anonymously.