Installing Python

The easiest way to get started with Python is via the Anaconda Distribution. This distribution installs a recent version of Python, along with several of the most used Python packages. It also installs an integrated development environment named Spyder (which you can use while solving the projects), and an interactive development environment named Jupyter Notebook (combines both coding and writing, also known as literate programming). During the next lectures we will use Jupyter Notebook to learn Python.

To install Python via the Anaconda Distribution, go to Anaconda's download page and choose the appropriate version for your system. You should install Python version 3.x. Python 2.x is still around for compatibility with legacy programs, but official support for this older version of the language will end in the upcoming months.

After the installation is completed, you should have the program Anaconda-Naviga tor installed. You can launch it, to see the following interface:





From this interface you can launch the Jupyter Notebook program. Click on the Launch button on the first row and in the middle column of the interface. It will start running code on a terminal window, and then it will launch the program on your browser. You should see a window similar to the one in the figure below:

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💭 Jupyter			Quit	Logout
Files Running Clusters				
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			Name V Last Modified	File size
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Desktop			20 hours ago	
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Downloads			5 minutes ago	
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Ci Emacs			a month ago	
Guilhermesalome.com			a year ago	
guilhermesalome@gmail.com Creative Cloud Files			4 months ago	
Job Market			a month ago	
C Learn			3 months ago	
Movies			8 days ago	
La Music			8 days ago	
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Pictures			2 months ago	
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message-20190829-184003			2 months ago	953 B

Figure 2: Jupyter Notebook Starting Page.

To actually start coding in Python, you need to create a New Python 3 notebook. You can do so by clicking on the button New, and choosing the option Python 3. After doing so, you should see:

Figure 3:	New	Python	3	Notebook	in	Jupyter.
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Now you are ready to begin coding in Python, see you in class.