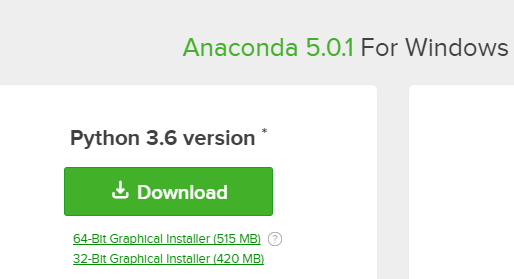
**Instructions to install Environment for Python for CE3007**

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1. We will be using Anaconda Environment for Python (Python 3.6)

<https://www.anaconda.com/download/>



1. You need to install the following libraries using conda install
   1. <https://docs.anaconda.com/anaconda-cloud/user-guide/howto#use-packages>

Libraries you will need:

1. https://anaconda.org/anaconda/numpy
2. <https://anaconda.org/anaconda/scipy>
3. <https://anaconda.org/anaconda/matplotlib>

and you will use: https://docs.python.org/2/library/winsound.html

1. You can consider using PyCharm <https://www.jetbrains.com/pycharm/>

Some Help: Actually there are too many, I prefer using https://stackoverflow.com

1. You will need to learn how to organize python code into packages:
   1. <http://intermediate-and-advanced-software-carpentry.readthedocs.io/en/latest/structuring-python.html>

2) How to use numpy: <http://www.numpy.org/>

a. Examples in: <https://hackernoon.com/introduction-to-numpy-1-an-absolute-beginners-guide-to-machine-learning-and-data-science-5d87f13f0d51>

b. <http://cs231n.github.io/python-numpy-tutorial/>

3) Python for DSP: <https://www.pythonforengineers.com/audio-and-digital-signal-processingdsp-in-python/>