1. **Pythonic**

   (a) Try the following piece of code:

   ```python
   >>> import this
   ```

   (b) The `__future__` library ([http://docs.python.org/2/library/__future__.html](http://docs.python.org/2/library/__future__.html)) is used to tell Python that you are using syntax that will be available in a future release. For example, I used `from __future__ import print` to import the Python 3.0 print statement to the autograder for homeworks 1 and 2. Explain the syntax error of the following statement:

   ```python
   >>> from __future__ import braces
   ```

2. **Recreate the Images Below**

   **hint**: `np.sin`

   ![Recreate me](image1)

   **hint**: `plt.scatter`