Assignment: Homework 0

This homework is to better prepare you for the course and will not be graded.

Tasks

1. Download a bibliography management software (e.g., Endnote, Mendeley) and start using it when you read papers. Endnote can be obtained for free from our university https://tech.rochester.edu/software/endnote/. Mendeley is free at http://www.mendeley.com/.
2. Join the ISMIR community mailing list at http://www.ismir.net/.
3. Join the Auditory mailing list at http://www.auditory.org/.
4. Join the IEEE Audio and Acoustic Signal Processing mailing list at https://groups.google.com/g/aasp-community.
5. Review your knowledge about Python. There are lots of resources online such as: https://docs.python.org/3/tutorial/
   Here are some packages you may need:
   a. librosa, "a python package for music and audio analysis"
   b. NumPy, "the fundamental package for scientific computing with Python"
   c. SciPy, "fundamental algorithms for scientific computing in Python"
   d. Matplotlib, "a comprehensive library for creating static, animated, and interactive visualizations in Python"
   e. soundfile, a Python library for audio I/O
   f. PyTorch, a widely used deep learning framework for Python