Notes on Lab 3

Requirements:

You need to bring a copy of the Lab 3 blank answer work sheet which you will complete and hand in at the end of the lab.

Preparation:

1. You must read through the Lab 3 description thoroughly before you go to your lab session. Look through the blank answer work sheet and identify the sections in the description corresponding to the items on the answer sheet. You will need to provide answers or demonstrations to the TA in accordance with the item descriptions.

2. Study carefully the various functions described in Appendix A. Look at the corresponding script files in Matlab, ending with ".m". These provide examples on how Matlab function codes should be written. When you run any .m file in Matlab that requires one or more arguments, you need to supply them when you execute that .m file in Matlab.

3. Examine carefully the various .m files in Lab3-Code.zip to understand which parts of the codes are incomplete. You will need to complete them as part of Lab 3. Appendix B provides an example which you should study carefully before going to your lab session.

4. Re-read Section 2.6.2 to familiarize yourself with musical chords.

5. Make sure you understand the syntax of cell arrays. They are used extensively in Lab 3.

Miscellaneous Comments:

Some Matlab commands used in Lab 3 are similar to the ones in Lab 1. The command "soundsc" is essentially the same as "sound" in Lab 1 except there is no clipping in soundsc. The command "audioread" can be used for sound files which are not .wav files. It is equivalent to the "wavread" command in Lab 1 when the sound file is a .wav file. The command "audioread" is not available in older versions of Matlab.