1. Chapter 1, Problems 1-3

2. Chapter 2, Problems 1-2

3. Take your C/A code from problem above and multiply it times the L1 Carrier (your C/A code must be in the form -1 and +1). Perform a spectral analysis (magnitude) on the resultant signal. You will need to make sure to “hold” your C/A code bits for the correct length of time (I suggest using a sample rate 3-10x the L1 carrier frequency).