Problem 2.17 in Oppenheim/Schafer/Buck
In part c, you should sketch $|R(e^{j\omega})|$ by hand first (based on what we did in class). There is no need to sketch $|W(e^{j\omega})|$ by hand, but you should be able to make an educated guess as to what it looks like. Use Matlab’s `fft` command (as you did in Project 2) to verify your results. A 512-point `fft` should be large enough to obtain a reasonable plot.

Problem 2.33 in Oppenheim/Schafer/Buck

Problem 2.42 in Oppenheim/Schafer/Buck
Do parts b-d.

Problem 2.44 in Oppenheim/Schafer/Buck