Again, you are to submit your work electronically to the MIT server. Submit a MS-Word document $\textit{username_HW6.doc}$ with a description of your work. The names to use individual programs are found in the problem statements below. All problems are from chapter 5 of the text.

1. Solve 5.A.2, storing your program as $\textit{username_P5A2.m}$.

2. Solve 5.B.1, storing your program as $\textit{username_P5B1.m}$.

3. Solve 5.B.3, storing your program as $\textit{username_P5B3.m}$.