

# Math 450 - Homework 3

Due date: Friday, 2/09/07

1. Read all of Lecture Notes 03. We won't be using all of it now, but it will be helpful if you try to familiarize yourself with what is in there.
2. Do Exercise 6.2 of LN03.
3. Do Exercise 6.4 of LN03.
4. Do Exercise 6.7 of LN03.
5. Read exercises 6.8 and 6.9 to understand the program used in exercise 6.10. You do not need to turn these in, but see if you can do them.
6. Do Exercise 6.10 of LN03.
7. Do Exercise 6.11 of LN03. (The program shown just before Exercise 6.11 on page 43 of the notes can serve as a model for the type of plot I'm suggesting you to use in this and the next exercise. See also the example of the exponential distribution on pages 15 and 16.)
8. Do Exercise 6.12 of LN03.