

## Lab # 2, February 5, 2008

In this lab, you will start working on Project # 1. The description of Project 1 can be found in [project1.pdf](#). We will spend the first part of the lab to understand the overall solution structure. Then, we will discuss each function that needs to be implemented. We will discuss the idea behind the code and in some cases, write the actual code for some related problem. Specifically, we will discuss the following topics:

- insertion sorting
- recursive algorithm for generating all the combinations
- some exercises involving recursion on a linked list will be discussed. Specifically, we will discuss functions for operations such as insert, delete, search, reverse etc. (Some of these operations may not be needed for the project, but will be helpful in understanding recursion and may be of use in future projects.)

What is due at the end of this lab? None. Your final submission is not due until February 26.