Assignment 1

Introduction:
The purpose of this assignment is to become familiar with Message digests, the concept of hashing a password, salting technique, and cracking passwords with a brute force or dictionary approach.

Part 1: Do the CS 4351 assignment 1.
Part 2: You will have to crack passwords consisting of words from a word list, with letter substitutions and other common word slight modifications. The description of this part will be provided in a few days.

Grading:
The grade will depend on your code and your report. The number of passwords you can crack will not influence your grade.
The penalty for a late homework is 1% per hour up to 10% per day, for up to one 24 hours late. Even if you have not finished your assignment, submit what you have. If your grade is less than 80%, I will accept a second submission by the second assignment deadline. Your grade will be the average of the two submissions.

Due date:
Sunday, February 14, 11pm.