

## C++ Programming Exercise

### Note:

- Use of any IDE is prohibited.
- Must use command line to compile and run the program.  
E.g. ./a.out 5 with the 5 the length of the password.

### Problem 2:

Modify the program shell.cpp so that the fiboncacci sequence is used instead of the sequence defined by  $h = 3 \cdot h + 1$ . You should generate the necessary fiboncacci numbers using the dynamic version of the fibonnacci code.

Your program must be named precisely as 7.cpp

You will find all the files required (fib\_dynamic.cpp, and shell.cpp) in the shellProg directory.