Lab Exercise-7

Advanced Programming Lab-II

Use recursive logic to do the following:

1. Reverse a Stack.
2. Sort a Stack.

   Hint: A stack class is available in java library. import java.util.Stack. This Stack class has two functions push( ) and pop ( ). Refer java docs for more information.

3. Find the minimum element of an array.
4. Program to find the length of a string.
5. Program to generate Fibonacci sequence.
6. Detect broken sequence in an array. For example, if Array=[3,4,6,7,8,9]. Here, array is broken at sequence number 3.
7. Sum of a given array.

Note: These programs using recursion are very important from the interview perspective.