Introduction to Computer Science and Programming 1
CSCI120

Chapter11: Recursion

Sample Coding

Problem1

- Write a function which receives a list of string and concatenates all string in the list and returns it. (recursive function)

Problem2

- Write a recursive function that receives a string and calculates all permutation of the given input string and prints them.

Problem3

- Write a recursive function that receive a number n as its input parameter and prints the following pattern. For instance, if n = 4

*
**
***
****

Problem4

- Write a recursive function which receives an integer, n, and calculates $\log^{n}_{2}$ and returns it.

Good Luck ☺