Summer 16, CSE221

LAB 2

**Basic Recursion**

1. Sum up all the numbers in an array.
2. Find a factorial of a number.
3. Print the Fibonacci series of a term. For example if term = 6, print 1,1,2,3,5,8
4. Given an array search for an element from that array using Binary Search.

**For number 5 you can use additional methods if needed but you are not allowed to use loops.**

1. Given a square matrix of dimension 3x3, each slot contains a treasure. You will start from index (0, 0) and end at index (2, 2). You are allowed to move in just 2 directions, down and right. Now starting from index (0, 0) reach to (2, 2) picking up those treasures which will sum up to give you the maximum.