***Quiz # 1***

**During test (or quiz) timing any type of quires are not allowed and If any quiz is deemed to be copied from any other student or internet, you may be awarded an F in this course.**

**TASK:**

You have been given array of all zeroes. Size of array will be “N” and you will get “Q” quires. In each query you get two numbers “left” and “right”. Increase all values from index left to right by 1. At last print array.

**Example:**

Enter the size of array: 7

Print array:

0, 0, 0, 0, 0, 0, 0

Enter number of quires: 3

Enter value of left for query 1: 2

Enter value of right for query 1: 4

**Query-1: 2, 4**

Enter value of left for query 2: 1

Enter value of right for query 2: 4

**Query-2: 1, 4**

Enter value of left for query 3: 2

Enter value of right for query 3: 3

**Query-3: 2, 3**

Print array:

0, 1, 3, 3, 2, 0, 0

**Note->**

Time complexity or this program is not more than O(Q+N) here Q is number of queries and N is size of array.

If you don’t know about time complexity, simply we say nested loops not allowed.