**Overlapping Intervals**

Given a collection of Intervals, the task is to merge all of the overlapping Intervals.

**Example 1:**

**Input:**

Intervals = {{1,3},{2,4},{6,8},{9,10}}

**Output:** {{1, 4}, {6, 8}, {9, 10}}

**Explanation:** Given intervals: [1,3],[2,4]

[6,8],[9,10], we have only two overlapping

intervals here,[1,3] and [2,4]. Therefore

we will merge these two and return [1,4],

[6,8], [9,10].

**Example 2:**

**Input:**

Intervals = {{6,8},{1,9},{2,4},{4,7}}

**Output:** {{1, 9}}

**Your Task:**  
Complete the function**overlappedInterval()** that takes the list N intervals as input parameters and returns sorted list of intervals after merging.

**Expected Time Complexity:**O(N\*Log(N)).  
**Expected Auxiliary Space:** O(Log(N)) or O(N).

**Constraints:**  
1 ≤ N ≤ 100  
0 ≤ x ≤ y ≤ 1000