N meetings in one room
Difficulty: EasyAccuracy: 45.3%Submissions: 280K+Points: 2
You are given timings of n meetings in the form of (start[i], end[i]) where start[i] is the start time of meeting i and end[i] is the finish time of meeting i. Return the maximum number of meetings that can be accommodated in a single meeting room, when only one meeting can be held in the meeting room at a particular time.

Note: The start time of one chosen meeting can't be equal to the end time of the other chosen meeting.

Examples :

Input: n = 6, start[] = [1, 3, 0, 5, 8, 5], end[] = [2, 4, 6, 7, 9, 9]
Output: 4
Explanation: Maximum four meetings can be held with given start and end timings. The meetings are - (1, 2), (3, 4), (5,7) and (8,9)

```
class Solution {
  public:
       static bool cmp(pair<int,int>a, pair<int,int>b){
       return a.second<b.second;
    }
    // Function to find the maximum number of meetings that can
    // be performed in a meeting room.
    int maxMeetings(int n, int start[], int end[]) {
       vector<pair<int,int>>v;
       for(int i=0;i<n;i++){
          pair<int,int>p=make_pair(start[i],end[i]);
          v.push_back(p);

       }
       sort(v.begin(),v.end(),cmp);
       int count=1;
       int ansEnd=v[0].second;
       for(int i=1;i<n;i++){
          if(v[i].first>ansEnd){
             count++;
             ansEnd=v[i].second;
          }

       }
```

```
        return count;


    }
};
```