

① Given the hours that guests arrive and leave at a party find the interval where there are max. number of guests.

```
public int[] maxGuests(int[][] ranges) {
    int[] hours = new int[24]; // hours in a day.
    for (int i=0; i < ranges.length; i++) {
        int[] range = ranges[i];
        for (int j = range[0]; j <= range[1]; j++) {
            hours[j-1]++;
        }
    }
    int min = Integer.MAX_VALUE, max = Integer.MIN_VALUE,
    // Get interval with maxGuests. maxGuests = 0;
    int min = 0, max = 0;
    for (int i=0; i < hours.length; i++) {
        if (maxGuests < hours[i]) {
            maxGuests = hours[i];
            min = i+1;
        }
        if (maxGuests == hours[i])
            max = i+1;
    }
    return new int[] {min, max};
}
```

Needs
Clarification
And it is not clear
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