# Meeting Rooms II

Try to solve the Meeting Rooms II problem.



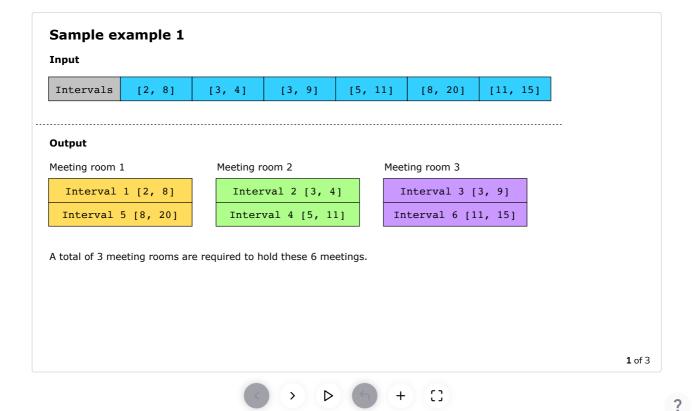
#### **Statement**

We are given an input array of meeting time intervals, intervals, where each interval has a start time and an end time. Your task is to find the minimum number of meeting rooms required to hold these meetings.

#### **Constraints:**

- 1 <= intervals.length  $<= 10^4$
- $0 \le start_i < end_i \le 10^6$

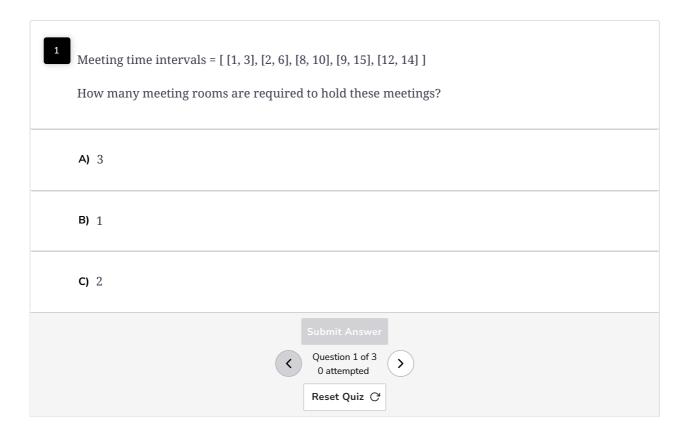
### **Examples**



## Understand the problem

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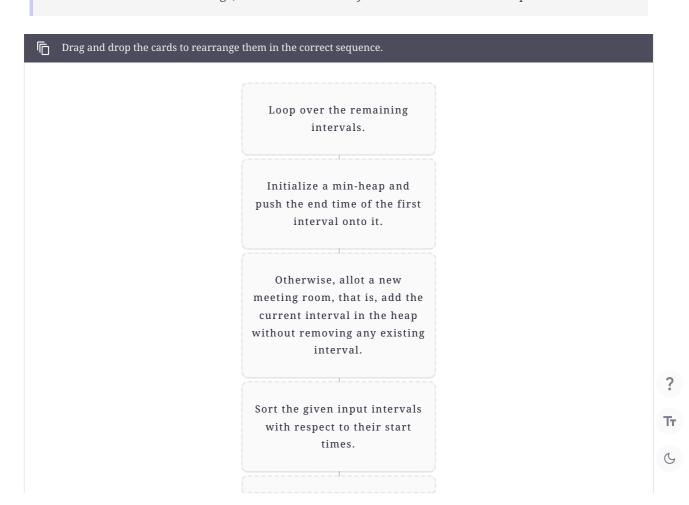
Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:



## Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.

**Note:** As an additional challenge, we have intentionally hidden the solution to this puzzle.



In each iteration, compare the start time of the current interval with all the end times present in the heap. After processing all the intervals, the size of the heap is the count of meeting rooms needed to hold the meetings. If the earliest end time of all intervals seen so far (the root of the heap) occurs before the start time of the current interval, remove the earliest interval from the heap and push the current interval onto the heap. Submit Reset

## Try it yourself

Implement your solution in MeetingRooms.java in the following coding playground. You will need the provided supporting code to implement your solution.

Note: We have left the solution to this challenge as an exercise for you. You may try to translate the

**>** 

```
■ C
🛅 👙 Java
                              1 import java.util.*;
 MeetingRooms.java
                              3 public class MeetingRooms{
 Interval.java
                                     public static int minMeetingRooms(List <Interval> intervals) {
                              4
                              5
                              6
                                         // Your code will replace this placeholder return statement
                              7
                              8
                                     }
                              9 }
                                                                                                    Submit
                                                                             Powered by Al
Test Cases
            Results
                                                                                                                ?
                                                                                                                Tτ
            Case 2
                                                                                                                6
```

### [[2,8],[3,4],[3,9],[5,11],[8,20],[11,15]]

#### Meeting Rooms II



Solution: Employee Fr...



In-place Reversal of a ...



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