Solution 1

Run Code

Our Solution(s)

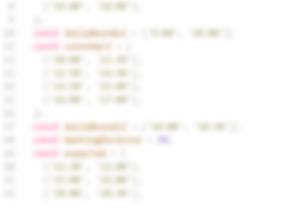
```
Run Code
```

```
Your Solutions
```

14px

```
Solution 1
            Solution 2
                         Solution 3
1 function calendarMatching(calendar1, dailyBounds1, calendar2, dailyBou
    // Write your code here.
3
5 // Do not edit the line below.
6 exports.calendarMatching = calendarMatching;
```

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   // O(c1 + c2) time | O(c1 + c2) space - where c1 and c2 are the respe
   function calendarMatching(calendar1, dailyBounds1, calendar2, dailyBo
     const updatedCalendar1 = updateCalendar(calendar1, dailyBounds1);
      const updatedCalendar2 = updateCalendar(calendar2, dailyBounds2);
      const mergedCalendar = mergeCalendars(updatedCalendar1, updatedCalen
      const flattenedCalendar = flattenCalendar(mergedCalendar);
 9
      return getMatchingAvailabilities(flattenedCalendar, meetingDuration)
10 }
11
12 function updateCalendar(calendar, dailyBounds) {
13
      const updatedCalendar = [['0:00', dailyBounds[0]], ...calendar, [dai
14
      return updatedCalendar.map(meeting => meeting.map(timeToMinutes));
15 }
16
17
    function mergeCalendars(calendar1, calendar2) {
18
      const merged = [];
19
      let i = 0,
20
       j = 0;
21
      while (i < calendar1.length && j < calendar2.length) {</pre>
        const meeting1 = calendar1[i],
         meeting2 = calendar2[j];
24
        if (meeting1[0] < meeting2[0]) {</pre>
         merged.push(meeting1);
26
27
        } else {
28
         merged.push(meeting2);
29
          j++;
30
31
      while (i < calendar1.length) merged.push(calendar1[i++]);</pre>
      while (j < calendar2.length) merged.push(calendar2[j++]);</pre>
```



Run or submit code when you're ready.