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|-----------------|----------|----------------|----------|
| Our Solution(s) | Run Code | Your Solutions | Run Code |
|-----------------|----------|----------------|----------|

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 import (
6     "fmt"
7     "strconv"
8     "strings"
9 )
10
11 type StringMeeting struct {
12     Start string
13     End   string
14 }
15
16 type Meeting struct {
17     Start int
18     End   int
19 }
20
21 // O(c1 + c2) time | O(c1 + c2) space - where c1 and c2 are the respective
22 // numbers of meetings in calendar1 and calendar2.
23 func CalendarMatching(
24     calendar1 []StringMeeting, dailyBounds1 StringMeeting,
25     calendar2 []StringMeeting, dailyBounds2 StringMeeting,
26     meetingDuration int,
27 ) []StringMeeting {
28     updatedCalendar1 := updateCalendar(calendar1, dailyBounds1)
29     updatedCalendar2 := updateCalendar(calendar2, dailyBounds2)
30     mergedCalendar := mergeCalendars(updatedCalendar1, updatedCalendar2)
31     flattenedCalendar := flattenCalendar(mergedCalendar)
32     return getMatchingAvailabilities(flattenedCalendar, meetingDuration)
33 }
```

Solution 1

Solution 2

Solution 3

```
1 package main
2
3 type StringMeeting struct {
4     Start string
5     End   string
6 }
7
8 func CalendarMatching(
9     calendar1 []StringMeeting, dailyBounds1 StringMeeting,
10    calendar2 []StringMeeting, dailyBounds2 StringMeeting,
11    meetingDuration int,
12 ) []StringMeeting {
13     // Write your code here.
14     return nil
15 }
16
```

| | | |
|-----------|---------------|-------------|
| Our Tests | Custom Output | Submit Code |
|-----------|---------------|-------------|

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