Our Solution(s)   Run Code

Solution 1

```java
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import java.util.*;

class Program {
  // O(c1 + c2) time | O(c1 + c2) space - where c1 and c2 are the resp
  // in calendar1 and calendar2
  public static List<StringMeeting> calendarMatching(
      List<StringMeeting> calendar1,
      StringMeeting dailyBounds1,
      List<StringMeeting> calendar2,
      StringMeeting dailyBounds2,
      int meetingDuration) {
    List<Meeting> updatedCalendar1 = updateCalendar(calendar1, dailyBo
    List<Meeting> updatedCalendar2 = updateCalendar(calendar2, dailyBo
    List<Meeting> mergedCalendar = mergeCalendars(updatedCalendar1, up
    List<Meeting> flattenedCalendar = flattenCalendar(mergedCalendar);
    return getMatchingAvailabilities(flattenedCalendar, meetingDuratio
  }

  public static List<Meeting> updateCalendar(
      List<StringMeeting> calendar, StringMeeting dailyBounds) {
    List<StringMeeting> updatedCalendar = new ArrayList<StringMeeting>
    updatedCalendar.add(new StringMeeting("0:00", dailyBounds.start));
    updatedCalendar.addAll(calendar);
    updatedCalendar.add(new StringMeeting(dailyBounds.end, "23:59"));
    List<Meeting> calendarInMinutes = new ArrayList<Meeting>();
    for (int i = 0; i < updatedCalendar.size(); i++) {
      calendarInMinutes.add(
          new Meeting(
              timeToMinutes(updatedCalendar.get(i).start),
              timeToMinutes(updatedCalendar.get(i).end)));
    }
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```java
import java.util.*;

class Program {
  public static List<StringMeeting> calendarMatching(
      List<StringMeeting> calendar1,
      StringMeeting dailyBounds1,
      List<StringMeeting> calendar2,
      StringMeeting dailyBounds2,
      int meetingDuration) {
    // Write your code here.
    return null;
  }

  static class StringMeeting {
    public String start;
    public String end;

    public StringMeeting(String start, String end) {
      this.start = start;
      this.end = end;
    }
  }
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.