SC UMT CG Software SRL
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Calendar problem

Given the calendar booked time of two people find all available time they can meet.

Restrictions:

- each calendar will have limits, min and max range (ex: one maybe from 8:00 until 20:00, maybe one starting from 10:00 until 18:00)
- the range of all available (free) time they can meet will have to fit into the meeting required time (a variable input set to minutes)
- you must find all free time between the 2 calendars that is bigger or equal to the given meeting minutes time

Sample input:

booked calendar1: [['9:00','10:30'], ['12:00','13:00'], ['16:00','18:00]] calendar1

range limits: ['9:00','20:00'] booked calendar1: [['10:00','11:30'], ['12:30','14:30'],

['14:30','15:00], ['16:00','17:00']] calendar2 range limits: ['10:00','18:30']

Meeting Time Minutes: 30

Sample output:

[['11:30','12:30'], ['15:00','16:00'], ['18:00':'18:30']]