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 calendar2: [['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','12:00'], ['15:00','16:00'], ['18:00':'18:30']]