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Amazon

- [Challenges](#) /
- Meeting Schedules
- Rank: N/A   Score: 0.00

Given M busy-time slots of N people, You need to print all the available time slots when all the N people can schedule a meeting for a duration of K minutes.
Event time will be of form HH MM (where 0 <= HH <= 23 and 0 <= MM <= 59), K will be in the form minutes.

Input Format:

M K [M number of busy time slots , K is the duration in minutes]
Followed by M lines with 4 numbers on each line.
Each line will be of form StartHH StartMM EndHH EndMM [Example 9Am-11Am time slot will be given as 9 00 11 00]
An event time slot is of form [Start Time, End Time) . Which means it inclusive at start time but doesn't include the end time.
So an event of form 10 00 11 00 => implies that the meeting start at 10:00 and ends at 11:00, so another meeting can start at 11:00.

Sample Input:
5 120
16 00 17 00
10 30 14 30
20 45 22 15
10 00 13 15
09 00 11 00

Sample Output:
00 00 09 00
17 00 20 45

Sample Input:
8 60

```
08 00 10 15
22 00 23 15
17 00 19 00
07 00 09 45
09 00 13 00
16 00 17 45
12 00 13 30
11 30 12 30
```

Sample Output:

```
00 00 07 00
13 30 16 00
19 00 22 00
```

Constraints :

$1 <= M <= 100$

Note: 24 00 has to be presented as 00 00.

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interview
street

```
/* Enter your code here. Read input from STDIN. Print output to STDOUT */
```