5. CDs

Program Name: CDs.java   **Input File: cds.dat**

Alexander is making some music CDs to use at some parties. He has a list of songs in the order that he wants to put on the CDs for each party. He also has the length of each song in minutes and seconds. You are to write a program for him to use to determine the number of CDs that he needs to buy for each party if each CD can hold no more than 20 minutes of music.

Input
The first line of input will contain a single integer p that indicates the number of parties he is creating CDs for. For each party, the first line will contain a single integer n that indicates the number of songs he has on his list for that party. Each the following n lines will contain two integers, m and s, that indicate the length of the song in minutes m and seconds s. The items will be separated by a space.

Output
For each party, you will output PARTY #x: y, where x is the party number and y is the number of CDs Alexander will need for that party.

Example Input File
```
2
18
5 25
4 58
4 45
5 35
4 56
5 23
4 34
3 45
5 34
5 45
7 23
5 34
4 45
4 0
5 3
13 34
4 56
5 52
10
5 56
6 12
4 56
5 35
4 45
7 23
5 56
5 43
4 9
5 0
```

Example Output to Screen
```
PARTY #1: 7
PARTY #2: 4
```