6. Hulin

Program Name: Hulin.java   **Input File: hulin.dat**

Your good friend Hulin has recently started a new job stocking groceries at the local mega-corporation LostLo. Hulin complains to you (and her boss) that he is micromanaging the shifts and as a result, there are too many people working at the same time. Her boss, however, does not believe her! Since there are so many employees, she has decided to give you everyone's schedules provided you will write a program to determine the largest number of people working at the same time.

Input: The first input line will contain a single value N (1 <= N <= 100) denoting the number of schedules to follow. Each following input line will contain a list of 3 space-separated pairs of time values (B, E) (1 <= B < E <= 86400) denoting the start and stop time of someone's shift (inclusive) during a day.

Output: The largest number of people working at a given time.

Sample input:
```
5
1 100 500 1900 3000 4999
200 499 1901 3219 40000 86400
300 400 1542 1782 24509 53332
2399 13259 21511 24992 59929 59999
6150 10019 12512 59900 70359 82122
```

Sample output:
```
3
```