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# **Avurudu Sale**

Problem Submissions Leaderboard

Bigbuy.lk is an emerging e-commerce platform in Sri Lanka. Currently they are in the process of announcing special avurudu sales on April 14 which would result in increased traffic to their website. To handle the sudden influx of traffic, the management has decided to use dedicated servers for each item going on sale. Bigbuy.lk is facing severe financial constraints due to covid, hence to reduce the cost, the traffic needs to be managed with minimal number of servers. 5 mins needed for each server to switch from current sale item to new sale item. So if a sale finishes at 10 20 and another sale starts at 10 25, then the same server can be used as they have a 5-minute time gap. But, the server doesn't take any time to handle the first sale item since those have been configured two days prior to the sale date. Write a program to effectively manage the servers.

## **Input Format**

1st line: **n** to denote the number of items on sale

Next n lines: hh mm HH MM where hh mm is the starting time and HH MM is the ending time of an item's sale (both inclusive). Both hh mm, HH MM are represented in 24-hour format.

#### Constraints

```
1 <= n <= 1000
00 <=hh, HH <= 23
00 <= mm, MM <= 59
```

#### **Output Format**

Print the minimum number of servers required to manage the sales.

#### Sample Input 0

```
4
00 00 11 11
00 00 10 11
11 17 23 17
12 12 12 50
```

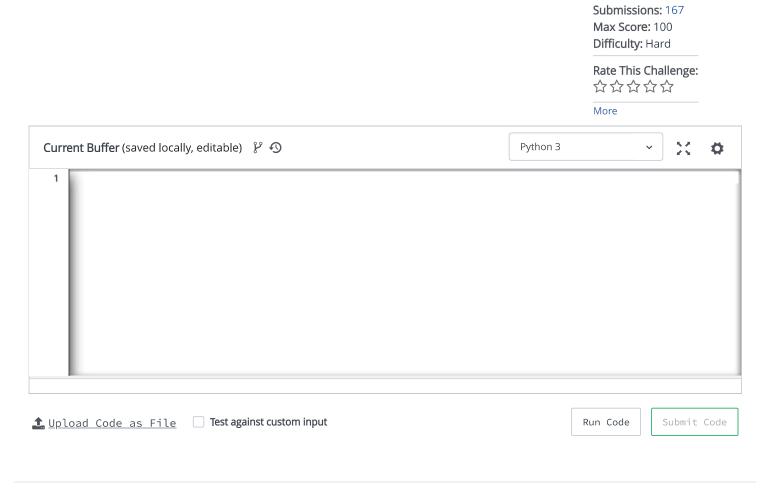
### Sample Output 0

2

#### Sample Input 1

```
4
00 00 11 11
00 00 10 11
10 14 23 17
12 12 12 50
```

# Sample Output 1



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Contest ends in 2 hours

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