

Hard 1707 245 Add to List Share

You are given some events $[start, end)$, after each given event, return an integer k representing the maximum k -booking between all the previous events.

- `MyCalendarThree()` Initializes the object.
- `int book(int start, int end)` Returns an integer k representing the largest integer such that there exists a k -booking in the calendar.

Input

Output

Explanation

constraints:

- $0 \leq \text{start} < \text{end} \leq 10^9$
- At most 400 calls will be made to `book`.

Seen this question in a real interview before?

Yes No

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```
class MyCalendarThree {
    public MyCalendarThree() {
    }

    public int book(int start, int end) {
    }
}

/**
 * Your MyCalendarThree object will be instantiated and called as such:
 * MyCalendarThree obj = new MyCalendarThree();
 * int param_1 = obj.book(start,end);
 */
```