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1353. Maximum Number of Events That Can Be Attended

Medium 1976 272 Add to List Share

You are given an array of `events` where `events[i] = [startDayi, endDayi]`. Every event `i` starts at `startDayi` and ends at `endDayi`.

You can attend an event `i` at any day `d` where `startDayi <= d <= endDayi`. You can only attend one event at any time `d`.

Return the maximum number of events you can attend.

Example 1:

Input: `events = [[1,2],[2,3],[3,4]]`
Output: `3`
Explanation: You can attend all the three events. One way to attend them all is as shown. Attend the first event on day 1.

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Maximum Number of Events That Can Be Attended

Submission Detail

31 / 44 test cases passed.

Status: **Time Limit Exceeded**

Submitted: 0 minutes ago

Last executed input: `[[722,869],[974,1185],[947,1408],[928,1129],[101,279],[833,1132],[226,327],[733,1280],[587,611],[378,11...`

Submitted Code: 0 minutes ago

Language: python3

Edit Code

```

1 class Solution:
2     def maxEvents(self, events: List[List[int]]) -> int:
3         graph = collections.defaultdict(set)
4         days = set()
5         for i, (start, end) in enumerate(events):
6             for day in range(start, end + 1):
7                 day = "day" + str(day)
8                 event = "event" + str(i)
9                 graph[day].add(event)
10                days.add(day)
11                graph[event].add("sink")
12
13         for day in days:
14             graph["source"].add(day)
15
16         has_augmenting_path = True
17
18         while has_augmenting_path:
19             path_from = {}
20             has_augmenting_path = False
21             queue = collections.deque()
22             visited = set()

```