1854. Maximum Population Year

Description

You are given a 2D integer array `logs` where each `logs[i] = [birth_i, death_i]` indicates the birth and death years of the ith person.

The **population** of some year `x` is the number of people alive during that year. The ith person is counted in year `x`'s population if `x` is in the **inclusive** range `[birth_i, death_i - 1]`. Note that the person is **not** counted in the year that they die.

Return *the **earliest** year with the **maximum population***.

Example 1:

```
Input: logs = [[1993,1999],[2000,2010]]
Output: 1993
Explanation: The maximum population is 1, and 1993 is the earliest year with this population.
```

Example 2:

```
Input: logs = [[1950,1961],[1960,1971],[1970,1981]]
Output: 1960
Explanation:
The maximum population is 2, and it had happened in years 1960 and 1970.
The earlier year between them is 1960.
```

Constraints:

- `1 <= logs.length <= 100`
- `1950 <= birth_i < death_i <= 2050`