

452. Minimum Number of Arrows to Burst Balloons



Medium



👍 6.5K

💬 187



🔒 Companies

There are some spherical balloons taped onto a flat wall that represents the XY-plane. The balloons are represented as a 2D integer array `points` where `points[i] = [xstart, xend]` denotes a balloon whose **horizontal diameter** stretches between `xstart` and `xend`. You do not know the exact y-coordinates of the balloons.

Arrows can be shot up **directly vertically** (in the positive y-direction) from different points along the x-axis. A balloon with `xstart` and `xend` is **burst** by an arrow shot at `x` if `xstart ≤ x ≤ xend`. There is **no limit** to the number of arrows that can be shot. A shot arrow keeps traveling up infinitely, bursting any balloons in its path.

Given the array `points`, return the **minimum** number of arrows that must be shot to burst all balloons.

Code

```
class Solution {
    func findMinArrowShots(_ intt: [[Int]]) -> Int {

        let points = intt.sorted{ $0[1] < $1[1] }

        var arrows = 0
        var currentEnd = Int.min

        for point in points {
            if currentEnd < point[0] {
                arrows += 1
                currentEnd = point[1]
            }
        }

        return arrows
    }
}
```

```

//      let intervals = intt.sorted(by: {$0[0] < $1[0]})
//      print(intervals)
// var res:[[Int]] = [intervals[0]]
// for i in (1..

```