274. H-Index

Solved ●

Medium   ● Topics   🔒 Companies   📍 Hint

Given an array of integers `citations` where `citations[i]` is the number of citations a researcher received for their i^{th} paper, return *the researcher's h-index.*

According to the [definition of h-index on Wikipedia](): The h-index is defined as the maximum value of `h` such that the given researcher has published at least `h` papers that have each been cited at least `h` times.

Example 1:

> **Input:** citations = [3,0,6,1,5]
> **Output:** 3
> **Explanation:** [3,0,6,1,5] means the researcher has 5 papers in total and each of them had received 3, 0, 6, 1, 5 citations respectively.
> Since the researcher has 3 papers with at least 3 citations each and the remaining two with no more than 3 citations each, their h-index is 3.

Example 2:

> **Input:** citations = [1,3,1]
> **Output:** 1

Constraints:

- `n == citations.length`
- `1 <= n <= 5000`
- `0 <= citations[i] <= 1000`

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Yes   No

Discussion (25)   ⌄

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