

278. First Bad Version

EasyTopicsCompanies

You are a product manager and currently leading a team to develop a new product. Unfortunately, the latest version of your product fails the quality check are also bad.

Suppose you have n versions $[1, 2, \dots, n]$ and you want to find out the first bad one, which causes all the following ones to be bad.

You are given an API `bool isBadVersion(version)` which returns whether `version` is bad. Implement a function to find the first bad version. You should

Example 1:

Input: $n = 5$, $bad = 4$

Output: 4

Explanation:

call `isBadVersion(3)` -> false

call `isBadVersion(5)` -> true

call `isBadVersion(4)` -> true

Then 4 is the first bad version.

Example 2:

Input: $n = 1$, $bad = 1$

Output: 1

Constraints:

- $1 \leq bad \leq n \leq 2^{31} - 1$

Seen this question in a real interview before? 1/5

 8.6K



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