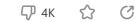
Solutions Submissions Description

69. Sqrt(x)

 \odot Hint

Easy









Given a non-negative integer (x), return the square root of x rounded down to the nearest integer. The returned integer should be non-negative as well.

You must not use any built-in exponent function or operator.

 For example, do not use [pow(x, 0.5)] in c++ or [x ** 0.5 in python.

Example 1:

Input: x = 4Output: 2

Explanation: The square root of 4 is

2, so we return 2.

Example 2:

Input: x = 8Output: 2

Explanation: The square root of 8 is 2.82842..., and since we round it down to the nearest integer, 2 is returned.

Constraints:

Accepted 1.4M Submissions 3.8M

Acceptance Rate 37.4%

Discussion (0)

Similar Questions