

69. Sqrt(x)

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Notes

Implement `int sqrt(int x)`.

Compute and return the square root of `x`.

`x` is guaranteed to be a non-negative integer.

Example 1:

Input: 4
Output: 2

Example 2:

Input: 8
Output: 2
Explanation: The square root of 8 is 2.8284..., and since we want to return an integer, the decimal part will be truncated.

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```
1 class Solution:
2     def mySqrt(self, x):
3         """
4         :type x: int
5         :rtype: int
6         """
7
```

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