**35. Search Insert Position**

Easy

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Given a sorted array of distinct integers and a target value, return the index if the target is found. If not, return the index where it would be if it were inserted in order.

**Example 1:**

**Input:** nums = [1,3,5,6], target = 5

**Output:** 2

**Example 2:**

**Input:** nums = [1,3,5,6], target = 2

**Output:** 1

**Example 3:**

**Input:** nums = [1,3,5,6], target = 7

**Output:** 4

**Example 4:**

**Input:** nums = [1,3,5,6], target = 0

**Output:** 0

**Example 5:**

**Input:** nums = [1], target = 0

**Output:** 0