**6. Merge Two Sorted Arrays**

中文

English

Merge two given sorted ascending integer array *A* and *B* into a new sorted integer array.

**Example**

**Example 1:**

Input: A=[1], B=[1]

Output: [1,1]

Explanation: return array merged.

**Example 2:**

Input: A=[1,2,3,4], B=[2,4,5,6]

Output: [1,2,2,3,4,4,5,6]

Explanation: return array merged.

**Challenge**

How can you optimize your algorithm if one array is very large and the other is very small?