Given an array nums of distinct integers, return *all the possible permutations*. You can return the answer in **any order**.

**Example 1:**

Input: nums = [1,2,3]  
Output: [[1,2,3],[1,3,2],[2,1,3],[2,3,1],[3,1,2],[3,2,1]]

**Example 2:**

Input: nums = [0,1]  
Output: [[0,1],[1,0]]

**Example 3:**

Input: nums = [1]  
Output: [[1]]

**Constraints:**

* 1 <= nums.length <= 6
* -10 <= nums[i] <= 10
* All the integers of nums are **unique**.