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```
C++
                            \mathfrak{C}
                                 </>
     class Solution {
  2
         // recursive
  3
     public:
         vector<vector<int>>> permute(vector<int>& nums) {
  4
            vector<vector<int>> res;
  5
            helper(res, nums, 0);
 7
            return res;
  8
 9
         void helper(vector<vector<int>>& res,vector<int>& nums,int begin ){
             if(begin>=nums.size()) {
 10
 11
                  res.push_back(nums);
12
                  return;
 13
              for(int i=begin;i<nums.size();i++){</pre>
14
15
                  swap(nums[begin],nums[i]);
16
                  helper(res,nums,begin+1);
17
                  swap(nums[begin],nums[i]);
 18
             }
 19
 20 };
```

Custom Testcase

Contribute Testcase **Q**

Run Code

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