14.PERMUTATION 1:

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]]

from itertools import permutations

def permute(nums):

return list(permutations(nums))

nums=[1,2,3]

result=permute(nums)

print(result)

OUTPUT:

[(1, 2, 3),(1, 3, 2),(2, 1, 3),(2, 3, 1),(3, 1, 2),(3, 2, 1)]