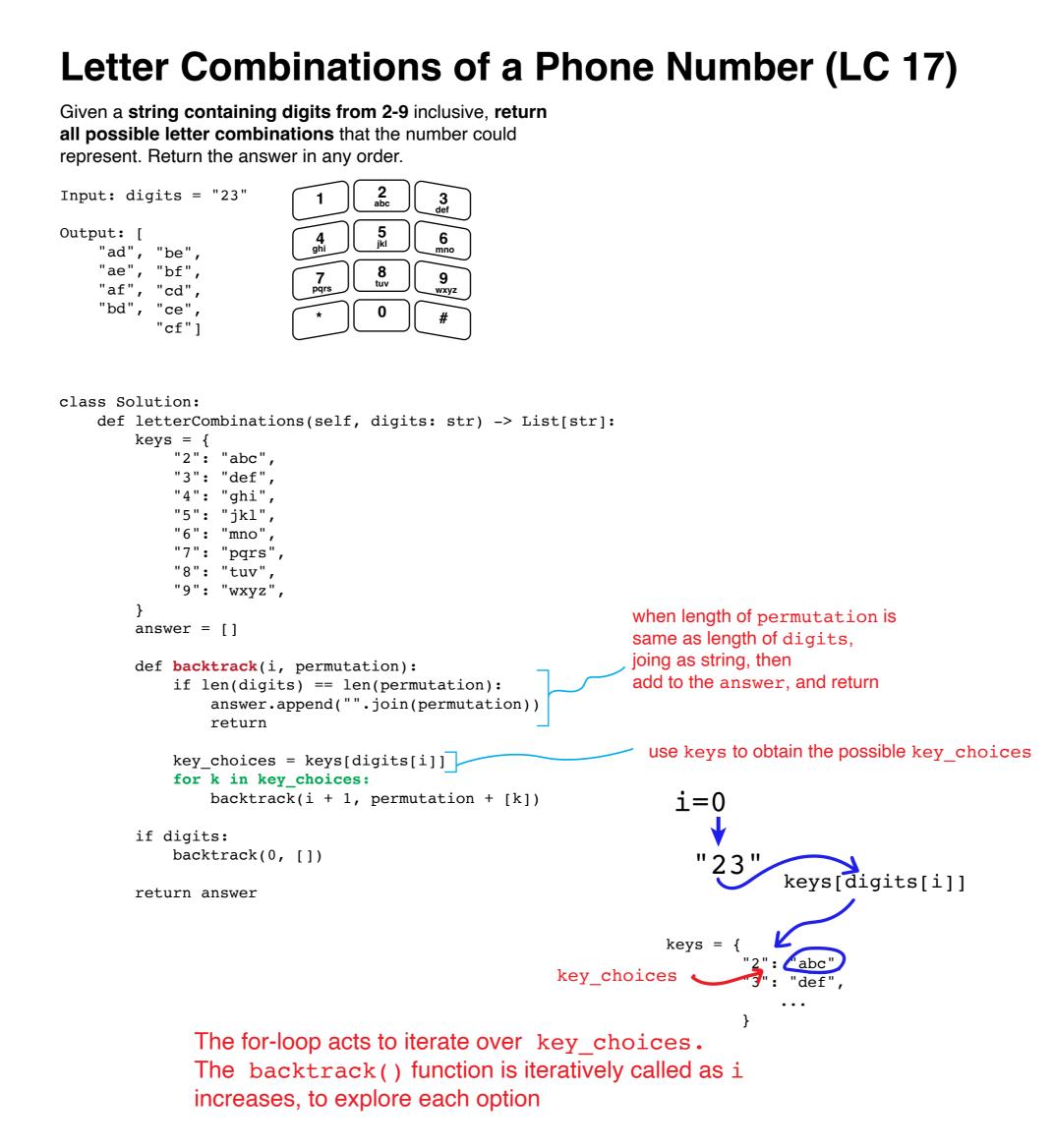
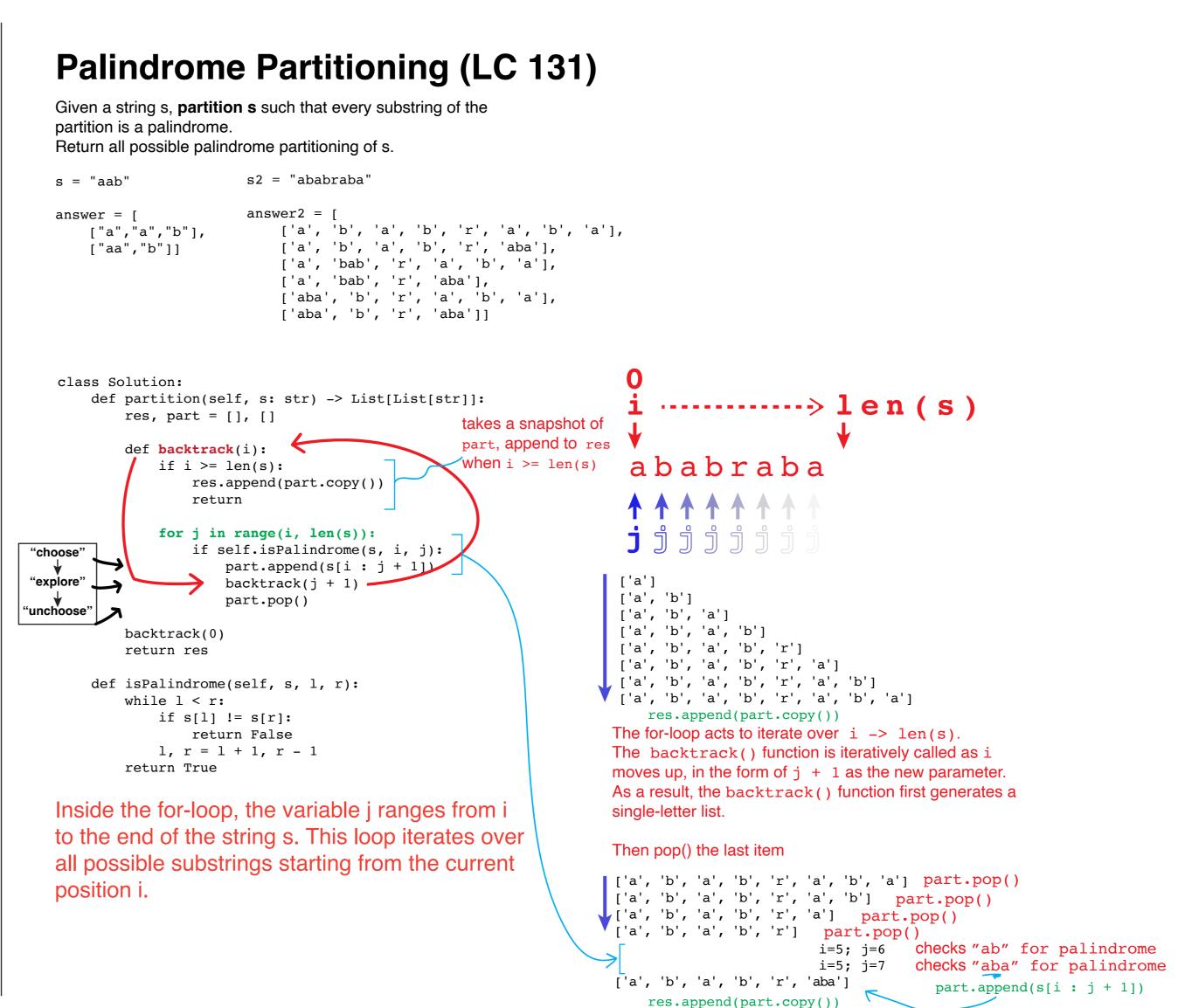


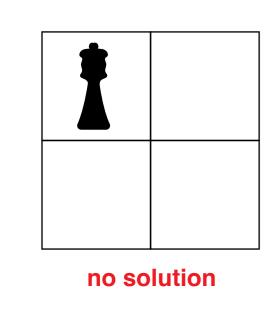
Permutations (LC 46) Given an array nums of distinct integers, return all the possible permutations. You can return the answer in any order. lst = [1,2,3]answer = [[1,2,3], [1,3,2], [2,1,3], [2,3,1], [3,1,2], [3,2,1]] class SolutionPermutations: def permute(self, nums: List[any]) -> List[List[any]]: permutation = [] def backtrack(): if len(permutation) == len(nums): answer.append(permutation.copy()) for loop; goes through each for num in nums: element in nums if num not in permutation: append() permutation.append(num) backtrack() "explore" backtrack() "unchoose" permutation.pop() **9** pop() backtrack() return answer The for-loop iterates through each element (num) in the nums list. For each element, it checks if that element is not already in the permutation list. This check ensures that the same element is not added multiple times to the same permutation

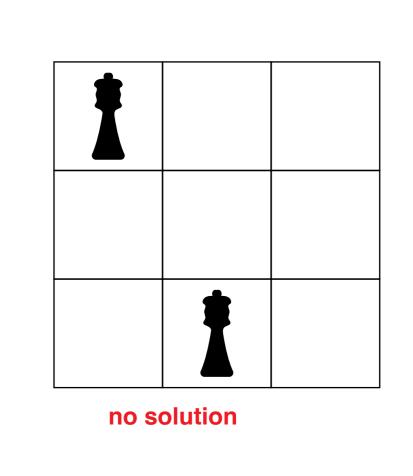


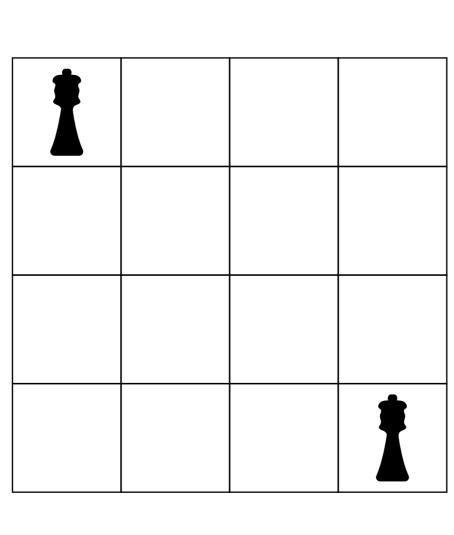


N-Queens (LC 51)









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