28 Saisam LEETCODE 15th Oct Day 10 1929. Concateration of Array · return nums + nums · return 2 + noms · return nums-extend (nums · result = [0] * 2 * len(nums) n= len(nums) for i in Yange (n) 3 res[i] = nums[i]
res[i+n] = nums[i] return res. Space Complexity O(n) As, we iterate through the list once Space (o(n) As, requires additional space All create a new list, but (extend) Boxt modifies the same lit in place So O(1) Energy Land Lat Ground 15 Part Turns the start of soil godly of "fast" sold is sold. CHO & satisfied and a sail

16th Oct	5.7007 S. 7	Jis Afai
Day!	217 Contains Duplicate	9
	Time unit exceed	
	li=[7] / man 1 / 10 / 3 / 20 / 1/4 /	
	too; in nums: 20(n2)	(
		(
	Mapper return True	
	cue;	
	li. append (i)	
	return folse	6 6
`		5
	(1) (1) (1) (1) (1)	
	nums = sorted (nums) -> gringn	
	for i in range (Jen/nunx)-1).	6
	for i in range (Jen(nunis)-1): if nums(i] == nums(i+i):	
	oction True laward by an assimply en	
-4.	roturn False	
	en the same and the same	8
	~ ~	8
	return len (set (nums)) != len(nums)	0 6
	$\rightarrow O(n)$	8
	when u do "set", python has to look at every el in nums exactly once. So for "n" elements - O(n)	ement
	So for "n" elements - O(n)	-

19th Oct Dey 14 Python Void Anagons 1242 Maria Comment diel= 83 ouc2=83 for 1 invarge len(s): if scio not in dialo. dic1[sci]=1
edic1[sci]+=1 1) lance): return dic1 = = dic2 Or (ounter(s) = Counter(t) O(n) Brute donce for in rangellen (rumi) = for in ronge (i+1, len(nums)). if nums(i] + nums(j) = = target:
retur face (ii) Why dictionary -> Fast lookup O(1) | number:

But list -> O(n) | number: -) We want to remember what we have already seen for is in range (len Chums)): diff = larget = nums Ci] if diff not in dic: dic [numsci] =i return dic (dy),

220ct District Mars of Starp Lorigin has in If len (stre) == 1: m-schowcters length

return stre(o)

stre= sorted (stre) Arct = strs(o) last = strs [-1] for i in ronger len (Fist) 311 of frist[]:- fast[oi]: return first Au grand your / sures y discharge