Valid Anagram - given strings 5 & T, theck if T anagram of 5 = True otherwise = False => Create 2 hasmaps (1 tor 5, 1 for T) => Skeys; characters ' Jaius; freq. of }

String the char. (key) S= car T= arc Count S Go sn + T => If Keys are similar
as well as values similar

Ly return True

Two Sum

- Given Int. Array return ludices that equal to Target - The array was exactly solution => One Pass Method - use hashmap to track differences ex: [2,7,11,15] rarget=9 ! Kets = Value , Values: ludex elements / relevent preuMap 2 0 => 9-7
= 2 If 2 is in
= 2 Nashmap we round
Indices that = target

Array we found Indices that = target return [preumap [diff], i]

-Grosp Hragrams // good for learning fundamentals . two strings are anagrams if we take ela 7 sort 1. E: Tan = 5, nat = T (501+ 54T) => anT = 5, anT = T (These are equal) i. This method takes ningh time, where n is the average length of the strings. We also have to do this M times, and M is the collection of strings 2 $1.E \Rightarrow M = \int (\alpha r'') (\alpha r c'') (n) + (n-3) (n-3)$ \Rightarrow $(m \cdot n \log n)$ => We can do better than this ...

9	Strings	, will	ve c	a-2)	fuvs at	- Most
we	have	26	nique	char	`\$.	y count y where you chovacter
	L> Th	is lets	22 C1	·eate	an arra	1 where
	ve	COUNT	frequence	ey of	ela un	que choracter
		1.E:	(0) nt	=> \(rashMap	// Keys are freq.
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1a, 1R, 1c	re-	D: [arc]	11 Natures are the 11 list of anagrams w/ similar count Keys
		2	in, 10, 17.	Ke]: [not] =	
•						
• B	ecause	using h	iasn mal,	d just	- counting	chars of there
2)	a lim	it of	26 cmcr	S		
			50 (m	- ^ -	2 (e) = 0	$(m \cdot n)$
			total # of	aug	a str	