

## \* Group Anagrams

Use hash Table to store occurrences.  
Then convert to a String. But we can't  
use a int[] here. As new String(int[])  
not supported &

arr[0] = 5       $\Rightarrow$       arr[0] = 51  
arr[1] = 12      arr[1] = 2

Same when converted to  
String.

∴ for each position no matter how  
large, we have to store a unique  
value.

in char[] we store unique  
characters for each position; 0-65535  
throughout 2 byte  $\rightarrow$  16 bits

furthermore char[] can be  
converted to string directly like  
new String(char[])

∴ use char[] ~~with~~ as key in map.  
in map; use putIfAbsent(key, val)

No: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

to easy check & store default val if needed. Here a list.

Alternate is to convert to char[] & then sort & check in the map. Not optimal.

↓  
 $O(mn \log n)$