Group Anagrams

Given an array of strings, group anagrams together.

Example:

```
Input: ["eat", "tea", "tan", "ate", "nat", "bat"],
Output:
[
  ["ate","eat","tea"],
  ["nat","tan"],
  ["bat"]
]
```

Note:

- All inputs will be in lowercase.
- The order of your output does not matter.

Solution:

```
class Solution {
    public List<List<String>> groupAnagrams(String[] strs) {
        List<List<String>> groupedAnagrams = new ArrayList<>();
        Map<String, List<String>> anagrams = new HashMap<>();

        for(String s : strs){
            char [] current = s.toCharArray();
            Arrays.sort(current);
            String sorted = new String(current);
            if(!anagrams.containsKey(sorted)){
                anagrams.put(sorted, new ArrayList<>());
            }
            anagrams.get(sorted).add(s);
        }
        groupedAnagrams.addAll(anagrams.values());
        return groupedAnagrams;


    }
}
```