

# 49. Group Anagrams

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Given an array of strings `strs`, group **the anagrams** together. You can return the answer in **any order**.

An **Anagram** is a word or phrase formed by rearranging the letters of a different word or phrase, typically using all the original letters exactly once.

## Example 1:

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

## Example 2:

```
Input: strs = [""]
Output: [[""]]
```

## Example 3:

```
Input: strs = ["a"]
Output: [["a"]]
```

## Constraints:

- `1 <= strs.length <= 104`
- `0 <= strs[i].length <= 100`
- `strs[i]` consists of lowercase English letters.

```
def groupAnagrams(self, strs: List[str]) -> List[List[str]]:
    if len(strs)==0:
        return [[""]]
    ans = {}

    for word in strs:
        temp = ''.join(sorted(word))
        if temp in ans:
            ans[temp].append(word)
        else:
            ans[temp] = [word]
    return ans.values()
```

