def groupAnagrams(arr):

dict={}

result=[]

for word in arr:

sortedword ="".join(sorted(word))

dict.setdefault(sortedword,[])

if sortedword not in dict:

dict["sortedword"] = word

else:

dict[sortedword].append(word)

for item in dict.values():

result.append(item)

return result

arr= ["eat", "tea", "tan", "ate", "nat", "bat"]

print groupAnagrams(arr)