**Problem #2273: Find Resultant Array After Removing Anagrams**

<https://leetcode.com/problems/find-resultant-array-after-removing-anagrams/description/>

**My Solution:**

1. Iniitalize astack to an empty list.
2. Iterate through words. If length of the stack is 0 ie. astack is empty, then append the word to astack.
3. If stack is not empty, and if the last entry in astack is not the same as the current word when they are sorted, then append the word to the stack.
4. Return the stack

Note: If sorted word and the sorted entry at the end of the stack are the same, then we do nothing to the word.

class Solution:

def removeAnagrams(self, words: List[str]) -> List[str]:

astack = []

for word in words:

#print("Start word = ", word, "astack = ", astack)

if len(astack) == 0:

astack.append(word)

else:

if sorted(astack[-1]) != sorted(word):

astack.append(word)

#print("End word = ", word, "astack = ", astack)

return astack