**Problem #1408: String Matching in an Array**

<https://leetcode.com/problems/string-matching-in-an-array/description/>

My Solution:

1. Sort words by length of each word in words.
2. Initialize res to an empty list to store the result.
3. Have a double loop in I from 0 to length of words -1 and j (the inner loop) is from I + 1 to length of words.
4. If word at index I in words is in word at index j in words: then append this word to res and break from the inner loop.
5. Return res.

class Solution:

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

words = sorted(words, key = len)

res = []

for i in range(len(words)- 1):

for j in range(i + 1, len(words)):

if words[i] in words[j]:

res.append(words[i])

break

return res