**Practical 6: Some words may repeat**

**Instructions**

You are given n words. Some words may repeat. For each word, output its

number of occurrences. The output order should correspond with the input order

of appearance of the word. See the sample input/output for clarification.

Sample Input

4

bcdef

abcdefg

bcde

bcdef

Sample Output

3

2 1 1

Explanation: There are 3 distinct words. Here, "bcdef" appears twice in the input

at the first and last positions. The other words appear once each. The order of the

first appearances are "bcdef", "abcdefg" and "bcde" which corresponds to the

output.

**CODE:**

n = int(input())

freq\_dict = dict()

for i in range(n):

    word = input()

    if word in freq\_dict.keys():

        freq\_dict[word] += 1

    else:

        freq\_dict[word] = 1

print(len(freq\_dict.keys()))

for i in freq\_dict.values():

    print(i, end=' ')

**OUTPUT:**

