|  |  |
| --- | --- |
| **Aim** | 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** | import collections n = int(input()) z = collections.OrderedDict() for i in range(n):  word = input()  if word in z:  z[word] += 1  else:  z[word] = 1 print(len(z)) for p, q in z.items():  print(q, end=" ") |
| **Output** |  |