**CODE:**

#20CS007 Khush Bhalodiya

import collections;

N = int(input())

d = collections.OrderedDict()

for i in range(N):

word = input()

if word in d:

d[word] +=1

else:

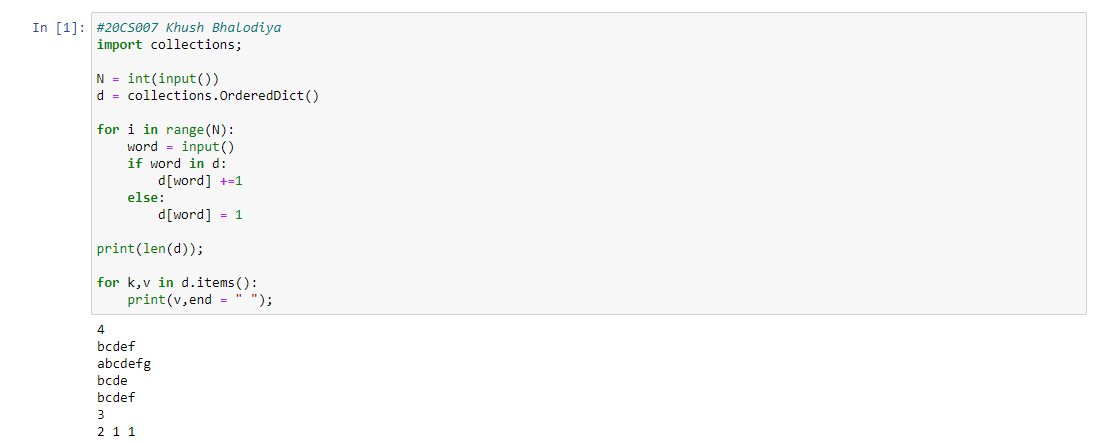
d[word] = 1

print(len(d));

for k,v in d.items():

print(v,end = " ");

**OUTPUT:**

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