// Java Program to find the occurrence

// of words in a String using HashMap.

import java.io.\*;

import java.util.HashMap;

import java.util.Map;

class wordCount {

public static void main(String[] args) {

String str = "Hello there hello there";

Map<String, Integer> hashMap = new HashMap<>();

String[] words = str.split(" ");

for (String word : words) {

hashMap.put(word, hashMap.getOrDefault(word, 0) + 1);

}

// for (Map.Entry<String, Integer> it : hashMap.entrySet())

// System.out.println(it.getKey() + " " + it.getValue());

System.out.println(hashMap);

}

}

import java.util.Scanner;

public class multiplyMatrix {

public static void main(String args[]) {

int n = 2;

int[][] a = { { 1, 2 }, { 3, 4 } };

int[][] b = { { 1, 2 }, { 3, 4 } };

int[][] c = new int[2][2];

for (int i = 0; i < n; i++) {

for (int j = 0; j < n; j++) {

for (int k = 0; k < n; k++) {

c[i][j] += a[i][k] \* b[k][j];

}

}

}

System.out.println("The product is:");

for (int i = 0; i < n; i++) {

for (int j = 0; j < n; j++) {

System.out.print(c[i][j] + " ");

}

System.out.println();

}

}

}