import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter the input string: ");

String[] trips = sc.nextLine().split(" ");

HashMap<String, Integer> map = new HashMap<>();

for (int i = 0; i < trips.length; i++) {

String[] temp = trips[i].split(":");

if (map.get(temp[0]) == null)

map.put(temp[0], Integer.parseInt(temp[1]));

else

map.put(temp[0], map.get(temp[0]) + Integer.parseInt(temp[1]));

}

System.out.println("Results: ");

for (String key: map.keySet()) {

System.out.println(key + ": " + map.get(key) + " trips");

}

}

}