import java.util.\*;

public class exe7 {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int n = in.nextInt();

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

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

int input = in.nextInt();

map.put(input, map.getOrDefault(input, 0) + 1);

}

for (Map.Entry<Integer, Integer> entry : map.entrySet()) {

System.out.print(entry.getKey() + " - " + entry.getValue() + "; ");

}

}

}