

Foregone Solution (6pts, 10pts, 1pts)

Practice Submissions

Attempt 3	✓ ✓ ✓	Apr 11 2020, 17:03
Attempt 2	Sample Failed: RE	Apr 11 2020, 16:54
Attempt 1	✓ ✓ ✓	Nov 29 2019, 17:51
Test 1	Completed	Nov 29 2019, 17:49

Last updated: Apr 11 2020, 17:00

PROBLEM

ANALYSIS

Problem

Someone just won the Code Jam lottery, and we owe them  $N$  jamcoins! However, when we tried to print out an oversized check, we encountered a problem. The value of  $N$ , which is an integer, includes at least one digit that is a 4... and the 4 key on the keyboard of our oversized check printer is broken.

Fortunately, we have a workaround: we will send our winner two checks for positive integer amounts  $A$  and  $B$ , such that neither  $A$  nor  $B$  contains any digit that is a 4, and  $A + B = N$ . Please help us find any pair of values  $A$  and  $B$  that satisfy these conditions.

Input

The first line of the input gives the number of test cases,  $T$ .  $T$  test cases follow; each consists of one line with an integer  $N$ .

Practice mode

2

Altri Profenti

```
1 import java.util.Arrays;
2 import java.util.List;
3 import java.util.Scanner;
4 import java.util.regex.Pattern;
5
6 public class Solution {
7
8     static Pattern p = Pattern.compile("[^0*]");
9
10    public static void main(String... p) throws Exception {
11        Scanner input = new Scanner(System.in);
12
13        int numCases = input.nextInt();
14        for (int i = 0; i < numCases; i++) {
15            String n = input.next();
16
17            String result = findAddendWithNo4(i + 1, n);
18            System.out.println(result);
19        }
20
21        input.close();
22    }
23
24    public static String findAddendWithNo4(int i, String n) {
25        List<String> asList = Arrays.asList(n.split(""));
26        String a = asList.stream().reduce("", (ac, c) -> c.compareTo("4") == 0 ?
27        String b = asList.stream().reduce("", (bc, c) -> c.compareTo("4") == 0 ?
28
29        return String.format("Case #%d: %s %s", i, a, trim(b));
30    }
31}
```

Upload file

Java (OpenJDK)

Syntax pre-check

Show Test Input

Submit attempt

Scrivi qui per eseguire la ricerca

EN 17:25 11/04/2020