



HOME TOP CATALOG CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

# P. 0.....10 Substring

time limit per test: 1 second 
memory limit per test: 256 megabytes

Genawy has a simple task in his homework. Given a string S which contains only digits from 0 to 9, he is asked to find the substring with the minimum size that contains all numbers from 0 to 10 at least once.

There can't be overlapping numbers in the substring. The string "1023456789" doesn't contain all numbers from 0 to 10 but the string "012345678910" does.

Can you help Genawy to do his homework?

### Input

The first line contains the number of test cases T ( $1 \le T \le 100$ ).

Then T lines, each contains string S ( $1 \le |S| \le 10^5$ ).

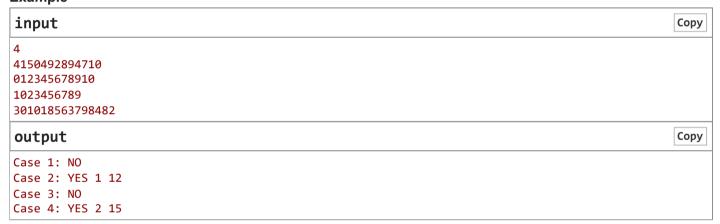
### **Output**

For each test case, print "Case X: ", where X is the number of test case starting from 1.

Then, if there is no solution print "NO". Otherwise, print "YES L R" where L is the start position of the substring and R is the end position of the substring.

If there are more than one solution, print any of them.

### **Example**



### <u>ICPC Assiut University Training -</u> <u>Juniors Phase 1 Sheets-2022</u>

### **Public**

## **Participant**



### → Group Contests

- Juniors Phase 1 Practice #5 (Bitmask, Bitset, Bits)
- Juniors Phase 1 Practice #4 ( Binary search , Two pointers )
- Juniors Phase 1 Practice #3 (STL 2)
- Juniors Phase 1 Practice #2 (STL 1)
- Juniors Phase 1 Practice #1 ( Prefix sum , Frequency Array )

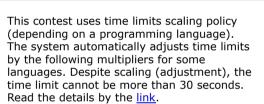
# Juniors Phase 1 Practice #4 ( Binary search, Two pointers)

### **Finished**

Practice



# → About Time Scaling



# ightarrow Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

# → Submit? Language: GNU G++20 13.2 (64 bit, win ❤ Choose file: Choose File No file chosen Submit

→ Last submissions		
Submission	Time	Verdict
312627394	Mar/27/2025 01:06	Accepted
312627254	Mar/27/2025 01:02	Accepted
312627112	Mar/27/2025 00:59	Wrong answer on test 3