

Long number

October 3, 2020

Task

In this task receive a concatenation of three or more consecutive natural numbers where one number is missing. This is not the first nor the last number in the row. Your task is to find out which number is missing. Take this number as an example

596597598600601602

In this case you would have to realise that the number 599 is missing. It is also possible that no number was left out in a test case or that two or more numbers have been left out. In that case (both for no number and more than two numbers left out), the answer is that no number has been left out.

Input

The first row contains one whole number representing the number of test cases. For each test case there is one row with digits representing the test case

Example input

```
2
596597598600601602
555557558560562564566
```

Output

For each test case you need to output one row. Each row consists of the index of its respective test case followed by exactly one space and then the missing number. In case no number is missing (or that more than one number is missing), you need to print 'geen ontbrekend getal'

Example output

```
1 599
2 geen ontbrekend getal
```