Digit Search

Input File: digit.txt

You are given a string consisting of several random letters and digits. However, you are only interested in the digits and want to find the highest digit (up to 9) that appears in the string that is preceded by all smaller digits. These digits must appear in order, from smallest (0) to greatest, but do not have to adjacent to each other. For example, in the string `j012ty43a4p5q7s68`, the correct highest digit would be 6 because it is preceded by 0, 1, 2, 3, 4, and 5 in order. 7 does not count because it isn't preceded by a 6, and therefore 8 also does not count. For each input string, find the highest digit.

Input:

The first line contains an integer N. The following N lines each contain a single string.

Output:

Output the highest digit according to the rules listed above. If there isn't a highest digit, print `None`.

Example Input:

```
3
001om525hi43Woe7ih5f
Qwa01qe2a34Gl56jj87qw89ef
ABC98765432123456789XYZ
```

Example Output:

```
3
9
None
```