

## Loop Midterm 2023

In one unfortunate situation, the data from a file became corrupted. However, there is good news: the data we need can still be extracted.

In this program, we need to extract all student IDs that are 10 digits long, start with the last two digits of the current year (e.g., 65, 66, etc.), and end with 21. Please print all probable student IDs found in the given string, one per line, in the order they appear in the string from left to right.

Print 'Not found' if there is no student IDs found in the given string.

Example

Input String	Required Year	Output
abc126537891021ef21673891021ghi65abcde21	65	6537891021
abc126537891021ef21673891021ghi65abcde21	67	Not found
Abc 6537891021 ef21 6538910321ghi65abcde21	65	6537891021 6538910321

## Input

Two lines, the first line is the input String and the second line is the year we want.

## Output

As described in the question.

## Examples

Input	Output
abc126537891021ef21673891021ghi65abcde21 65	6537891021
abc126537891021ef21673891021ghi65abcde21 66	Not found
Abc 6537891021 ef21 6538910321ghi65abcde21 65	6537891021 6538910321
6537891021653891032165abcde216513138021 65	6537891021 6538910321 6513138021