

Hello, **2024101067**.

# I use vim, btw.

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C

A vim user and an emacs user were fighting about which editor is better for coding. A nano user explained to them that at the end of the day they are manipulating bits on a screen. Since they were not ready to believe him, he came up with a task to prove his point.

## Problem Specification:

1. You are given two strings, each separately entered on vim and emacs respectively.
2. The strings consist of upper case letters (A-Z) and the key combinations to delete the current letter in vim and emacs respectively. To delete the current letter in vim, 'x' will be typed whereas for emacs, 'd' will be typed.
3. If the strings are empty and a delete operation is performed, the strings remain unchanged, allowing the next character to be entered.

## Input

- The first line contains one integer  $t$ , the number of test cases.
- Each test case consists of the first line corresponding to the number of letters  $\text{num1}$  and  $\text{num2}$  in each string. The first number corresponds to the length of the string entered on vim, while the second number corresponds to the length of the string entered on emacs.
- The second line of each test case contains a string of length  $\text{num1}$  entered on vim.
- The third line of each test case contains a string of length  $\text{num2}$  entered on emacs.

## Output

A string, "yes" if both of the final strings are equal when entered into the text editors, and "no" if not. (strictly lowercase)



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- $1 \leq t \leq 10$
- $1 \leq \text{num1}, \text{num2} \leq 10^5$

Note that after backspacing an empty text, the text will continue empty.

## Example 1:

Input:

```
1
4 4
ABxC
ADdC
```

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Output:

```
yes
```

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Explanation: Both vim and emacs become "AC".

## Example 2:

Input:

```
2
4 4
ABxx
CdDd
3 1
AxC
B
```

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Output:

```
yes
no
```

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Explanation for test 1: vim and emacs both are empty, making them equal

Explanation for test 2: vim becomes "C" while emacs becomes "B".



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[Request Clarification](#)

No clarifications have been made at this time.