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Zeros to Ones   🔒 locked

H   by rithvik_kolla

Problem	Submissions	Leaderboard	Discussions

Donald and Hillary each have a string consisting of zeros and ones, say D and H. Since they're very good friends they both wanted to have the same string. So, they went to the string-manipulator George. George says if there are two consecutive zeros in Donald's string, he can turn them into a single one ('00' becomes '1'). He also says he can do this manipulation any number of times. It is your job to find out whether it is possible for Donald for Hillary to have the same string through George's manipulations.

Note - George agrees to manipulate only Donald's string.

Input Format

- The first line contains T, the number of test cases.

- Next T lines contains two strings(consisting of 0s and 1s) D and H separated by a space.

Constraints

- T <= 1000

- len(D and H) <= 10000

Output Format

One line saying 'yes' if it's possible to convert D to H through the manipulations, else 'no'.

Sample Input 0

```
1
00001 111
```

Sample Output 0

```
yes
```

Explanation 0

The string 00001 can be converted to 111 by combining the first 2 zeros to one and the next to zeros to one as well.

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Submissions: 115
Max Score: 7

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```cpp
1  #include <cmath>
2  #include <cstdio>
3  #include <vector>
4  #include <iostream>
5  #include <algorithm>
6  using namespace std;
7
8
9  int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
```

Line: 1 Col: 1

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