

J Joker Juggling

Time limit: 1s

Jamie the Joker has two full-time jobs: they juggle balls at the circus by day and juggle *match patterns* by night. Obviously, this is not a very healthy life style. After a long day of juggling (both kinds), Jamie is exhausted, but has only one task left to do: determine whether a pattern matches a word.

The word and the pattern consist of English lowercase letters, and the pattern may also contain *jokers* (represented by an asterisk: ‘*’). The pattern is said to match the word if it is possible to replace each joker by *the same* string (possibly empty), such that the pattern becomes equal to the word.



A joker, juggling jokers.
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modified

Input

The input consists of:

- One line with a string p ($1 \leq |p| \leq 3 \cdot 10^5$) only consisting of letters and jokers (*), the pattern.
- One line with a string s ($1 \leq |s| \leq 3 \cdot 10^5$) only consisting of letters, the word.

All letters in the pattern and the word are English lowercase letters (a–z).

Output

Output “yes” if the pattern matches the word, or “no” if it does not.

Sample Input 1

```
ba**
banana
```

Sample Output 1

```
yes
```

Sample Input 2

```
apple
banana
```

Sample Output 2

```
no
```

Sample Input 3

```
cherry*
cherry
```

Sample Output 3

```
yes
```

Sample Input 4

```
**
ttt
```

Sample Output 4

```
no
```