

## Problem B: Matching Problem [Easy]

Time Limit: 1 Sec Memory Limit: 128 MB

Submit: 1956 Solved: 248

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### Description

Hong has two strings  $s$  and  $t$ . The length of the string  $s$  equals  $n$ , the length of the string  $t$  equals  $m$ . The string  $s$  consists of lowercase letters and at most one wildcard character '\*', while the string  $t$  consists only of lowercase letters.

The wildcard character '\*' in the string  $s$  (if any) can be replaced with an arbitrary sequence (possibly void sequence) of lowercase letters. If it is possible to replace a wildcard character '\*' in  $s$  to obtain a string  $t$ , then the string  $t$  matches the pattern  $s$ .

If the given string  $t$  matches the given string  $s$ , print "YES", otherwise print "NO".

### Input

The first line will be an integer  $T$  ( $1 \leq T \leq 10$ ), which is the number of test cases.

For each test data:

The first line contains two integers  $n$  and  $m$  ( $1 \leq n, m \leq 2 \cdot 10^5$ ) — the length of the string  $s$  and the length of the string  $t$ , respectively.

The second line contains string  $s$  of length  $n$ , which consists of lowercase letters and at most one wildcard character '\*'.

The third line contains string  $t$  of length  $m$ , which consists only of lowercase letters.

### Output

For each test cases, print "YES" (without quotes), if you can obtain the string  $t$  from the string  $s$ . Otherwise print "NO" (without quotes).

### Sample Input

```
1
7 10
aba*aba
abazzzzaba
```

### Sample Output

```
YES
```

### HINT

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