# B. Hexakosioihexekontahexaphobia

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

This (unpronounceable) word means simply fear of number 666.

You are given a string of digits. Check whether it is scary for a person suffering from this phobia, i.e., whether it contains number 666 as a substring.

### Input

The input will consist of a single string $p$. The string contains between 1 and 100 digits ('0'-'9'), inclusive. The string doesn't contain any other characters except digits.

### Output

Output "YES" if given string contains number 666, and "NO" otherwise (quotes for clarity only).

### Examples

| input |
|---|
| 123098 |
| output |
| NO |

| input |
|---|
| 16660 |
| output |
| YES |

| input |
|---|
| 1606061 |
| output |
| NO |

### Note

Note that 666 must be a contiguous substring of $p$, not a subsequence (see sample 3).