

## Make Cat

Chef loves cats, and tries to search for them everywhere.

Today, Chef saw a string  $S$  of length 3, consisting of lowercase English letters only.

Your task is to tell Chef whether he can rearrange the letters of the string  $S$  to form the word "cat".

### Input Format

- The first and only line of input contains a single string  $S$  of length 3, containing only lowercase English letters.

### Output Format

Output the answer on a single line: YES if some letters of  $S$  can be used to form the word "cat", and NO otherwise.

Each character of the output may be printed in either uppercase or lowercase, i.e. the strings NO, No, nO, and no will all be treated as equivalent.

### Constraints

- $S$  is a string of length 3.
- $S$  contains only lowercase English letters, i.e. the characters 'a' through 'z'.

### Sample 1:

Input	Output
cat	Yes

### Explanation:

No rearrangement is needed: the word is already "cat".

### Sample 2:

Input	Output
tic	No

### Explanation:

It's not possible to rearrange "tic" to form "cat".

### Sample 3: