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In the United States of America, telephone numbers within an area code consist of 7 digits: the prefix number is the first 3 digits and the line number is the last 4 digits. Traditionally, the *555* prefix number has been used to provide directory information and assistance as in the following examples:

```
555-1212
555-9876
555-5000
555-7777
```

Telephone company switching hardware would detect the 555 prefix and route the call to a directory information operator. Now-a-days, telephone switching is done digitally and somewhere along the line a computer decides where to route calls.

For this problem, write a program that determines if a supplied 7-digit telephone number should be routed to the directory information operator, that is, the prefix number is 555.

Input

The input consists of a single line containing a 7-digit positive integer N, ($1000000 <= N <= 9999999$).

Output

The single output line consists of the word **YES** if the number should be routed to the directory information operator or **NO** if the number should not be routed to the directory information operator.

Sample 1:

Sample Input	Sample Output
5551212	YES

Sample 2:

Sample Input	Sample Output
5519876	NO

Sample 3:

Sample Input	Sample Output
5055555	NO

Sample 4:

Sample Input	Sample Output
5550000	YES