Problem L. Sports Section

Time limit	1000 ms
Code length Limit	50000 B
OS	Linux

The newspaper in Chefland consists of 10 pages numbered 1 to 10.
The last 3 pages of the newspaper are always dedicated to the **sports section**.

Given a random page number X, determine whether that page is dedicated to the sports section.

Input Format

- The first and only line of input consists of a single integer X, denoting the page number.

Output Format

Output on a new line, `YES`, if the given page number is dedicated to the sports section, and `NO` otherwise.

You may print each character of the string in uppercase or lowercase (for example, the strings `YES`, `yEs`, `yes`, and `yeS` will all be treated as identical).

Constraints

- $1 \leq X \leq 10$

Sample 1

Input	Output
3	NO

Page number 3 is not dedicated to the sports section.

Sample 2

Input	Output
8	YES

Since page number 8 is one of the last three pages, it is dedicated to the sports section.

Sample 3

Input	Output
10	YES

Since page number 10 is one of the last three pages, it is dedicated to the sports section.