

Problem A. Strong Team

Time limit 1000 ms
Code length Limit 50000 B
OS Linux

Chef and some of his friends are planning to participate in a [puzzle hunt](#) event.

The rules of the puzzle hunt state:

"This hunt is intended for teams of 6 to 8 people."

Chef's team has N people in total. Are they eligible to participate?

Input Format

The first and only line of input will contain a single integer N : the number of people present in Chef's team.

Output Format

Print the answer: **Yes** if Chef's team is eligible to participate, and **No** otherwise.

Each letter in the output may be printed in either uppercase or lowercase, i.e, the outputs **NO** , **No** , **nO** , **no** will all be treated as equivalent.

Constraints

- $1 \leq N \leq 10$

Sample 1

| Input | Output |
|-------|--------|
| 4 | No |

The puzzle hunt requires between 6 and 8 people in a team.

4 isn't between 6 and 8, so Chef's team cannot participate.

Sample 2

| Input | Output |
|-------|--------|
| 7 | Yes |

Chef's team has 7 people, and 7 lies between 6 and 8.
So, Chef's team can participate in the event.

Sample 3

| Input | Output |
|-------|--------|
| 8 | Yes |

Chef's team has 8 people, and 8 lies between 6 and 8.
So, Chef's team can participate in the event.