

## Problem M. Air Quality Index

Time limit	1000 ms
Code length Limit	50000 B
OS	Linux

In the light of **G-20** summit, government has decided to keep the average air quality index (AQI) **strictly below** 100.

On some random day, Chef measures the AQI and found the value to be  $X$ .

Find whether the government was able to keep the AQI within limits.

### Input Format

- The input consists of an integer  $X$  — the AQI Chef measured.

### Output Format

Output **YES**, if the government was able to keep the AQI within limits 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

- $1 \leq X \leq 150$

### Sample 1

Input	Output
50	YES

The AQI is strictly less than 100. Thus, the government was able to keep the AQI within limits.

### Sample 2

Input	Output
100	NO

The AQI is equal to 100. Thus, the government was not able to keep the AQI within limits.

### Sample 3

Input	Output
99	YES

The AQI is strictly less than 100. Thus, the government was able to keep the AQI within limits.

### Sample 4

Input	Output
145	NO

The AQI is greater than 100. Thus, the government was not able to keep the AQI within limits.