Problem A. 500 Yen Coins

Time limit   2000 ms
Mem limit   1048576 kB

Problem Statement

Takahashi has K 500-yen coins. (Yen is the currency of Japan.) If these coins add up to X yen or more, print `Yes` ; otherwise, print `No` .

Constraints

- $1 \leq K \leq 100$
- $1 \leq X \leq 10^5$

Input

Input is given from Standard Input in the following format:

$K \ \ X$

Output

If the coins add up to X yen or more, print `Yes` ; otherwise, print `No` .

Sample 1

Input	Output
2 900	Yes

Two 500-yen coins add up to 1000 yen, which is not less than $X = 900$ yen.

Sample 2

Input	Output
1 501	No

One 500-yen coin is worth 500 yen, which is less than $X = 501$ yen.

Sample 3

Input	Output
4 2000	Yes

Four 500-yen coins add up to 2000 yen, which is not less than $X = 2000$ yen.