

Problem A. Infinite Coins

Time limit 2000 ms

Mem limit 262144 kB

Problem Statement

E869120 has A 1-yen coins and infinitely many 500-yen coins. Determine if he can pay exactly N yen using only these coins.

Constraints

- N is an integer between 1 and 10000 (inclusive).
- A is an integer between 0 and 1000 (inclusive).

Input

Input is given from Standard Input in the following format:

```
 $N$ 
 $A$ 
```

Output

If E869120 can pay exactly N yen using only his 1-yen and 500-yen coins, print **Yes** ; otherwise, print **No** .

Sample 1

Input	Output
2018 218	Yes

We can pay 2018 yen with four 500-yen coins and 18 1-yen coins, so the answer is **Yes** .

Sample 2

Input	Output
2763 0	No

When we have no 1-yen coins, we can only pay a multiple of 500 yen using only 500-yen coins. Since 2763 is not a multiple of 500, we cannot pay this amount.

Sample 3

Input	Output
37 514	Yes