**Divisibility by Digits**

**Problem Description**

Write a code that takes a number as input, checks whether this number is divisible by all its non-zero digits, and then returns “YES” or “NO” accordingly.

**Input Format**

The number to be checked *N*.

**Output Format**

YES or NO as explained above.

**Constraints**

1<= *N* <= 1000

**Sample Input**

384

**Sample Output**

YES

**Explanation**

384 is perfectly divisible by each of 3, 8 and 4. So YES is the output.