8 Run, Forrest, run!

3 points

Introduction

Forrest is passionate about running. To have an accurate tracking of all his activity while running he bought a U.S. sport watch. It reports the distance run every day only in miles. Forrest knows that it is recommended that running shoes should be replaced every 622 kilometers and needs a program to sum up all the year running activity to decide whether to replace or not his running shoes. Keep in mind that 1 mile is approximately 1.6 kilometers.

Input

The input will be a sequence of 365 integer values in a single line representing the miles run daily during the last year.

Output

The output of the program reports a simple string stating “Yes” or “No” to know if the running trainers must be replaced.

Example

Input

```
16 4 1 15 12 20 14 2 7 10 4 14 5 15 16 21 13 3 16 11 18 17 10 20 2 18 7 12 11 5 10 8
12 1 6 1 6 12 2 10 19 8 14 13 5 6 8 12 17 1 10 4 18 6 3 7 3 1 14 11 3 14 11 13 6 13 10
14 4 11 3 10 17 18 13 11 17 7 11 3 12 4 9 2 5 15 20 20 16 19 20 18 14 8 9 15 18 21 8 3
13 15 20 17 2 12 8 15 8 4 8 10 11 20 15 1 10 5 16 11 19 11 20 6 18 6 13 21 6 8 6 11 14
14 2 14 7 11 9 6 1 7 1 4 16 20 12 15 4 5 2 20 5 17 15 13 18 18 10 17 7 14 21 19 13 17
2 1 10 11 1 5 19 6 2 12 6 14 6 16 16 15 15 11 10 21 10 11 1 21 12 3 18 20 2 9 20 20 18
5 12 13 17 9 12 1 1 18 7 15 5 21 13 20 16 2 9 10 9 1 3 8 15 16 6 14 15 1 2 9 18 18 2 4
16 14 16 2 1 21 4 3 15 16 16 3 20 6 21 5 1 20 14 4 14 14 7 2 14 9 17 14 20 21 21 19 16
20 11 18 11 5 11 21 6 16 7 18 11 9 20 2 9 12 7 5 14 14 12 15 1 3 8 13 11 20 7 5 9 4 3
15 1 1 19 11 15 12 15 21 10 11 19 19 18 15 3 6 4 20 19 6 21 17 7 2 18 4 19 8 14 16 6
13 3 15 2 12 3 8 4 17 6 7 8 11 14 16 21 20 4 15 5 14 13 3 1 21 2 13 8 4 6 8 10
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Output

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Yes
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