Problem A. Five Antennas

Time limit 2000 ms

Mem limit 1048576 kB

Problem Statement

In AtCoder city, there are five antennas standing in a straight line. They are called Antenna A, B, C, D and E from west to east, and their coordinates are a, b, c, d and e, respectively. Two antennas can communicate directly if the distance between them is k or less, and they cannot if the distance is greater than k.

Determine if there exists a pair of antennas that cannot communicate **directly**.

Here, assume that the distance between two antennas at coordinates p and q $(p < q)$ is $q - p$.

Constraints

- a, b, c, d, e and k are integers between 0 and 123 (inclusive).
- $a < b < c < d < e$

Input

Input is given from Standard Input in the following format:

```
a
b
c
d
e
k
```

Output

Print `:(` if there exists a pair of antennas that cannot communicate **directly**, and print `Yay!` if there is no such pair.

Sample 1

Input	Output
1 2 4 8 9 15	Yay!

In this case, there is no pair of antennas that cannot communicate directly, because:

- the distance between A and B is $2 - 1$ = 1
- the distance between A and C is $4 - 1$ = 3
- the distance between A and D is $8 - 1$ = 7
- the distance between A and E is $9 - 1$ = 8
- the distance between B and C is $4 - 2$ = 2
- the distance between B and D is $8 - 2$ = 6
- the distance between B and E is $9 - 2$ = 7
- the distance between C and D is $8 - 4$ = 4
- the distance between C and E is $9 - 4$ = 5
- the distance between D and E is $9 - 8$ = 1

and none of them is greater than 15. Thus, the correct output is `Yay!` .

Sample 2

Input	Output
15 18 26 35 36 18	: (

In this case, the distance between antennas A and D is $35 - 15$ = 20 and exceeds 18, so they cannot communicate directly. Thus, the correct output is `: (` .