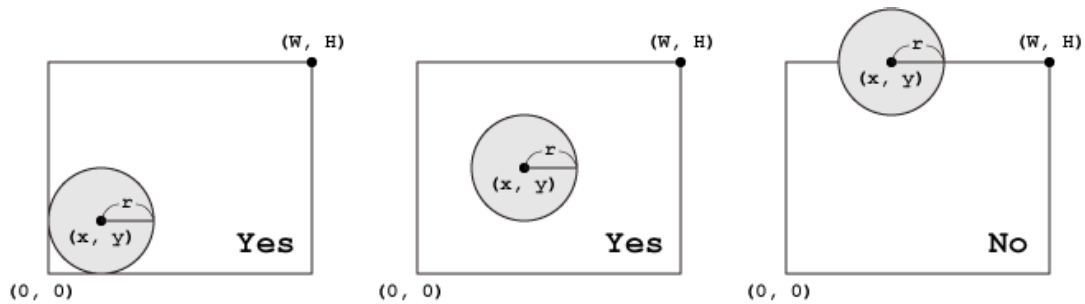


Circle in a Rectangle

Time Limit : 1 sec, Memory Limit : 131072 KB

Circle in a Rectangle

Write a program which reads a rectangle and a circle, and determines whether the circle is arranged inside the rectangle. As shown in the following figures, the upper right coordinate (W, H) of the rectangle and the central coordinate (x, y) and radius r of the circle are given.



Input

Five integers W , H , x , y and r separated by a single space are given in a line.

Output

Print "Yes" if the circle is placed inside the rectangle, otherwise "No" in a line.

Constraints

- $-100 \leq x, y \leq 100$
- $0 < W, H, r \leq 100$

Sample Input 1

```
5 4 2 2 1
```

Sample Output 1

```
Yes
```

Sample Input 2

```
5 4 2 4 1
```

Sample Output 2

```
No
```

Source: https://onlinejudge.u-aizu.ac.jp/problems/ITP1_2_D