Control C102A   P82374_en

Write a program that, given five integers x, a, b, c, d, determines if $x \in [a, b] \cup [c, d]$.

Input

The input is five integers x, a, b, c, d.

Output

The output is a line with the text "*yes*" if $x \in [a, b] \cup [c, d]$ and the text "*no*" otherwise.

Sample input 1	Sample output 1
`10 5 15 2 6`	`yes`

Sample input 2	Sample output 2
`-3 -5 10 8 12`	`yes`

Sample input 3	Sample output 3
`6 2 2 9 12`	`no`

Sample input 4	Sample output 4
`6 6 12 18 30`	`yes`

Sample input 5	Sample output 5
`6 12 3 4 5`	`no`

Problem information

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