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## Control C102A

P82374\_en

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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

10 5 15 2 6

#### Sample input 2

-3 -5 10 8 12

#### Sample input 3

6 2 2 9 12

#### Sample input 4

6 6 12 18 30

#### Sample input 5

6 12 3 4 5

#### Sample output 1

| yes

#### Sample output 2

| yes

#### Sample output 3

| no

#### Sample output 4

| yes

#### Sample output 5

| no

### Problem information

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