An axis-aligned rectangle is represented as a list [x1, y1, x2, y2], where (x1, y1) is the coordinate of its bottom-left corner, and (x2, y2) is the coordinate of its top-right corner. Its top and bottom edges are parallel to the X-axis, and its left and right edges are parallel to the Y-axis.

Two rectangles overlap if the area of their intersection is **positive**. To be clear, two rectangles that only touch at the corner or edges do not overlap.

Given two axis-aligned rectangles rec1 and rec2, return true *if they overlap, otherwise return* false.

**Example 1:**

Input: rec1 = [0,0,2,2], rec2 = [1,1,3,3]  
Output: true

**Example 2:**

Input: rec1 = [0,0,1,1], rec2 = [1,0,2,1]  
Output: false

**Example 3:**

Input: rec1 = [0,0,1,1], rec2 = [2,2,3,3]  
Output: false

**Constraints:**

* rec1.length == 4
* rec2.length == 4
* -109 <= rec1[i], rec2[i] <= 109
* rec1 and rec2 represent a valid rectangle with a non-zero area.