

Input

Rectangle A (2,2) (7,5)

Rectangle B (3,4) (0,6)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

True

Input

Rectangle A (2,2) (7,5)

Rectangle B (3,4) (0,6)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

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Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

True

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (2,3) (7,6)

Rectangle B (1,1) (4,3)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

True

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (4,2) (9,5)
Rectangle B (3,4) (0,6)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

True

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (2,2) (4,4)

Rectangle B (2,2) (4,4)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

True

Contained

Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (4,6) (1,4)

Rectangle B (1,6) (9,1)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

True

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (2,2) (4,4)

Rectangle B (5,5) (4,4)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

False

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

True

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False

Input

Rectangle A (2,2) (6,6)

Rectangle B (4,3) (5,5)

Tests

Disjoint

Description

Rectangle A and B are not touching or intersecting each other.

Expected Result

False

Same

Description

Rectangle A and B are the same.

Expected Result

False

Contained

Description

A Rectangle is inside the other.

Expected Result

True

Aligned

Description

The sides of the Rectangles are touching.

Expected Result

False

Touching

Description

The Rectangles have one common Point: Their Corners are touching.

Expected Result

False

Intersecting

Description

A Rectangle is partly inside the other Rectangle.

Expected Result

False