**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

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**//Class: CIST 2371 - Java I**

**//Project: Module 1 HW 1.9**

**//Title: JAVA Rectangle**

**//Description: Displaying the area and perimeter of a rectangle**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Start**

Declaration

double width = 4.5;

double height = 7.9;

double area;

double perimeter;

Calculate perimeter = (width \* 2) + (height \* 2);

Calculate area = (int)((width \* perimeter) \* 100) / 100.0;

// \* 100 and / 100.0 to bring it down to two decimals

Output "A rectangle has the width " + width + " and height " + height + “.”;

Output " The perimeter is " + perimeter + " and the area is " + area + “.”;

**Stop**

// \* 100 and / 100.0 to bring it down to two decimals

Stop

Output " The perimeter is " + perimeter + " and the area is " + area + “.”

Output "A rectangle has the width " + width + " and height " + height + “.”

Calculate area = (int)((width \* perimeter) \* 100) / 100.0

Calculate perimeter = (width \* 2) + (height \* 2)

Declaration

double width = 4.5

double height = 7.9

double area

double perimeter

Start