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/*
 * Rectangle2.java
 *
 * Created on Feb 1, 2004
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 *
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 *
 * This program outputs a rectangle of '+'s of width and height
 * provided by the user. (The program is organized with methods.)
 *
 */

import java.util.Scanner;

public class Rectangle2
{
    public static void main(String[] args)
    {
        Scanner keyboard = new Scanner(System.in);

        int width = inputWidth(keyboard);
        int height = inputHeight(keyboard);
        outputRectangle(width, height);
    }

    private static int inputWidth(Scanner in)
    {
        // Input the width of the rectangle
        System.out.print("Enter width > 0: ");
        int width = in.nextInt();
        return width;
    }

    private static int inputHeight(Scanner in)
    {
        // Input the height of the rectangle
        System.out.print("Enter height > 0: ");
        int height = in.nextInt();
        return height;
    }

    private static void outputRectangle(int w, int h)
    {
        // Output height rows of width columns of '+'s
        int row = 0;
        while (row < h)
        {
            outputOneRow(w);
            row = row + 1; // go to the next row
        }
    }

    private static void outputOneRow(int w)
    {
        // Output one row of width '+'s
        int column = 0;
        while (column < w)
        {
            System.out.print('+');

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        column = column + 1; // go to the next column
    }
    System.out.println(); // terminate the row
}
}
```