

AutoGradr

DASHBOARD > APCS-A-2018-P6 >
IN CLASS LAB 2

IN CLASS LAB COMPONENT
SHAPES, SCANNER, FILE

Class lab 2

SAKET BAKSHI

Help / Docs

Password Change

Logout

Class lab 2

You will receive an input.txt file with 6 numbers. The numbers will be utilized in the following ways. 1. The first 4 numbers are used as the arguments for a rectangle. print this object. 2. The last 2 numbers will be used to translate that rectangle. print this edited object. 3. You will multiply the 5th number and multiply the width. The 6th number will multiply the height. print this object. 4. you will also print the height, width x and y on separate lines starting with x then y then width then height. please refer to the java8 API for help an example solution is below. good luck!

[Test Case 1](#) [Test Case 2](#) [Test Case 3](#) [Test Case 4](#)

Console

```
1 java.awt.Rectangle[x=5,y=10,width=20,height=30]
2 java.awt.Rectangle[x=9,y=13,width=20,height=30]
3 java.awt.Rectangle[x=9,y=13,width=80,height=90]
4 9.0
5 13.0
6 80.0
7 90.0
8
```

Input Files

input.txt

Help

Java 8

Run Code

```
1 import java.util.Scanner;
2 import java.io.File;
3 import java.io.FileNotFoundException;
4 import java.awt.Rectangle;
5 //import necessary classes for constructing a rectangle and reading files
6
7
8 public class Wbin
9 {
10     public static void main (String[] args) throws FileNotFoundException
11     {
12         int x,y,w,h; //declare variables for x and y position of rectangle, also width and height of rectangle
13         int a, b; //declares variables for last two numbers of the input
14
15         File inputFile = new File("input.txt"); //declares variable "input.txt" as a file
16         Scanner scanFile = new Scanner(inputFile); //converts file to a scanner variable
17
18
19         x = scanFile.nextInt();
20         y = scanFile.nextInt();
21     }
```

✓ You passed 4 of 4 test cases

[Test Case 1](#) [Test Case 2](#) [Test Case 3](#) [Test Case 4](#)

✓ Passed