CSCI-101 Programming 1

Lab 6, Part c - Week of October 10

INSTRUCTIONS

Log into cs.bridgewater.edu.
Change your working directory to your **labs** directory in your repository.

Inside the labs directory create a file named **Lab6c.java**. Inside the **Lab6c.java** file write a program that solves the following problem copied from open.kattis.com.

Cetvrta

Mirko needs to choose four points in the plane so that they form a rectangle with sides parallel to the axes. He has already chosen three points and is confident that he hasn't made a mistake, but is having trouble locating the last point. Help him.

Input

Each of the three points already chosen will be given on a separate line. All coordinates will be integers between 1 and 1000.

Output

Output the coordinates of the fourth vertex of the rectangle.

Sample Input 1	Sample Output 1
5 5 5 7 7 5	7 7

Sample Input 2	Sample Output 2
30 20 10 10 10 20	30 10

Compile and test your code on cs.bridgewater.edu. Use the above sample input to test your code. Debug your program until you get the Sample Output shown above.

Once satisfied that you have a correct solution continue onto the next page.

Navigate a Chrome, Brave, Firefox or Edge browser to open.kattis.com. Unfortunately, Safari has issues with kattis.

Create an kattis account.

Navigate your browser to https://open.kattis.com/problems/cetvrta.

In the right side panel, click the green button labeled "Start coding".

Copy your code (including your import statement) into the online editor.

- Change the name of your class to cetvrta (all lowercase).
- Comment out all print statements EXCEPT the print statements that prints the coordinates of the fourth vertex of the rectangle.

When ready to submit, press the green "Submit" button.

If the Judgement is "Accepted" your solution is correct and you are done.
If not, press the green "Edit and resubmit" button and fix your solution.