Challenge 2: Implement Getter Methods

This lesson covers a challenge on getter functions and how to create them.

WE'LL COVER THE FOLLOWING ^

- Problem Statement
 - Input
 - Output
 - Sample Input
 - Sample Output
- Coding Exercise

Problem Statement

Implement the width() and height() methods which return, respectively, the width and height of a rectangle. The tests that follow will create two objects—instances of Rectangle to test the calculations.

Input

A class Rectangle with constructor having the rectangle coordinates x1, y1, x2, and y2 respectively

Output

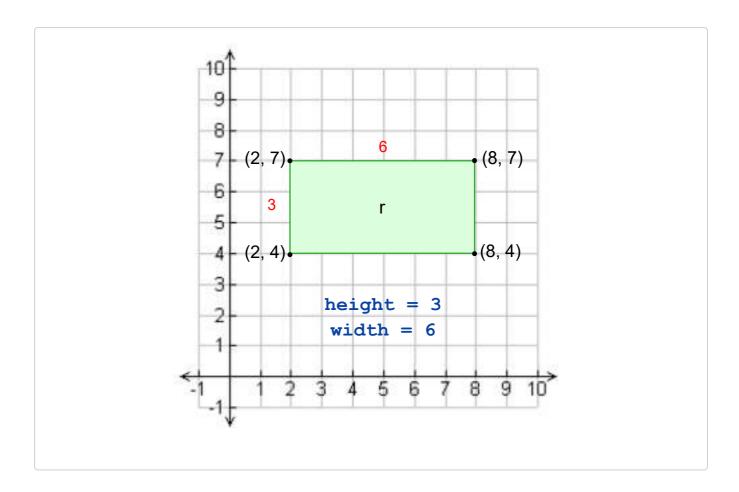
The width and height of the rectangle

Sample Input

$$x1 = 2$$
, $y1 = 7$, $x2 = 8$, $y2 = 4$

Sample Output

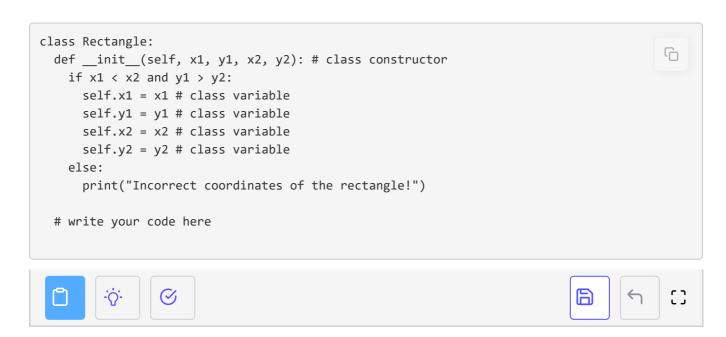
height = 3, width = 4



Coding Exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Use the Python documentation on classes to solve the following exercise.



Now, let's discuss the solution in the next lesson.