

Python Method Challenge

Point

Create a class named `Point` that represents a point in a two-dimensional space. The class should have a constructor that takes two parameters, `x` and `y`, representing the coordinates of the point on the plane.

The class should have a method `dist` that takes another instance of the `Point` class as a parameter and returns the Euclidean distance between the current point and the given point.

For `Point(x1, y1)` and `Point(x2, y2)`, calculate the distance according to the formula:

$$d = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$$

Here's an example to illustrate how to use the class:

```
In [ ]: p1 = Point(1.5, 1)
        p2 = Point(1.5, 2)

        print(p1.dist(p2)) # 1.0
```

Source: [JetBrains Academy](#)