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O BJP4 Exercise 8.2: flipPoint

Language/Type:

Java <u>classes</u> <u>instance methods</u> <u>Point</u>

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Add the following method to the Point class:

```
public void flip()
```

Negates and swaps the x/y coordinates of the Point object. For example, if the object initially represents the point (5, -3), after a call to flip, the object should represent (3, -5). If the object initially represents the point (4, 17), after a call to flip, the object should represent (-17, -4).

```
public class Point {
    private int x;
    private int y;

    // // your code goes here
}
```

```
Type your solution here:
```

```
public void flip() {
    int xNew = 0, yNew = 0;

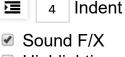
    xNew = y*(-1);
    yNew = x*(-1);

    x = xNew;
    y = yNew;

}
```

This is a **partial class problem**. Submit code that will become part of an existing Java class as described. You do <u>not</u> need to write the complete class, just the portion described in the problem.





You passed 5 of 5 tests.

Go to the next problem: manhattanDistancePoint

test #1: (81, 21) (-21, -81)console output: (81, 21)result: opass test #2: (-52, 32) console output: (-32, 52) (-52, 32) result: opass test #3: (-93, -13) (13, 93) (-93, -13) console output: result: pass test #4: (64, -44) console output: (44, -64) (64, -44) result: opass test #5: (0, 0)console output: (0, 0)(0, 0)result: pass

If you do not understand how to solve a problem or why your solution doesn't work, please contact your TA or instructor.

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