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○ BJP4 Exercise 8.2: flipPoint

Language/Type:  Java [classes](#) [instance methods](#) [Point](#)

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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:

```
1 public void flip() {  
2     int xNew = 0, yNew = 0;  
3  
4     xNew = y*(-1);  
5     yNew = x*(-1);  
6  
7     x = xNew;  
8     y = yNew;  
9  
10 }
```

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



4

Indent

- ☒ Sound F/X
- ☒ Highlighting

**Submit**

✔ You passed 5 of 5 tests.

[Go to the next problem: manhattanDistancePoint](#)

test #1: (81, 21)
console output: (-21, -81)
(81, 21)
result: ✔ pass

test #2: (-52, 32)
console output: (-32, 52)
(-52, 32)
result: ✔ pass

test #3: (-93, -13)
console output: (13, 93)
(-93, -13)
result: ✔ pass

test #4: (64, -44)
console output: (44, -64)
(64, -44)
result: ✔ pass

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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