Malcolm Wells

Pd. 1

Exercises

Part 1:

1. Northeast, East, Southeast, South, Southwest, West, Northwest, North
2. It can be moved in any direction at any distance within the grid, to whatever coordinates are specified. An “java.lang.IllegalArgumentException” is returned if it is moved outside the grid.
3. setColor(java.awt.Color)
4. It was replaced.

Part 2:

1. It forms an octagon with horizontal and vertical sides of the provided length and diagonal sides of the provided length \* √2.
2. BoxBug name = new BoxBug(sideLength);

world.add(new Location(x, y), name);