

Answer on Question #46863, Programming, Java

Problem.

Use Java code to convert the command line arguments to an array of integers.

Solution.

Code (Rectangle.java)

```
public class Rectangle {
    private float topLeftX;
    private float topLeftY;
    private float bottomRightX;
    private float bottomRightY;

    /**
     * Create square by top left corner and side.
     * @param topLeftX x coordinate of top left corner.
     * @param topLeftY y coordinate of top left corner.
     * @param side length of side.
     */
    Rectangle(float topLeftX, float topLeftY, float side) {
        this.topLeftX = topLeftX;
        this.topLeftY = topLeftY;
        this.bottomRightX = topLeftX + side;
        this.bottomRightY = topLeftY + side;
    }

    /**
     * Move top left corner to another point.
     * @param topLeftX x coordinate of top left corner.
     * @param topLeftY y coordinate of top left corner.
     */
    void moveTo(float topLeftX, float topLeftY) {
        bottomRightX = topLeftX + (bottomRightX - this.topLeftX);
        bottomRightY = topLeftY + (bottomRightY - this.topLeftY);
        this.topLeftX = topLeftX;
        this.topLeftY = topLeftY;
    }
}
```

Code (Main.java)

```
public class Main {
    public static void main(String[] args) {
        Rectangle square = new Rectangle(10, 20, 40);
        square.moveTo(20, 20);
    }
}
```