

CSE 143X Section Handout #2 Solutions

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| <p>1. $-2 + 4 = 7$
$4 + -2 = 3$
$2 + 11 = 5$</p> <p>3. everywhere there had a old
here macdonald had a there
there quack had a everywhere
farm duck had a here
old macdonald had a farm</p> <p>4. import java.awt.*; // Part (a) solution</p> <pre>public class SquaresA { public static void main(String[] args) { DrawingPanel p = new DrawingPanel(300, 200); p.setBackground(Color.CYAN); Graphics g = p.getGraphics(); g.setColor(Color.RED); for (int i = 1; i <= 5; i++) { g.drawRect(50, 50, i * 20, i * 20); } g.setColor(Color.BLACK); g.drawLine(50, 50, 150, 150); } }</pre> <p>import java.awt.*; // Part (c) solution (incorporates Part b)</p> <pre>public class SquaresC { public static void main(String[] args) { DrawingPanel p = new DrawingPanel(400, 300); p.setBackground(Color.CYAN); Graphics g = p.getGraphics(); drawFigure(g, 50, 50, 100); drawFigure(g, 250, 10, 50); drawFigure(g, 180, 115, 180); } public static void drawFigure(Graphics g, int x, int y, int size) { g.setColor(Color.RED); for (int i = 1; i <= 5; i++) { g.drawRect(x, y, i * size / 5, i * size / 5); } g.setColor(Color.BLACK); g.drawLine(x, y, x + size, y + size); } }</pre> <p>5. import java.awt.*;</p> <pre>public class Triangle { public static void main(String[] args) { DrawingPanel p = new DrawingPanel(600, 200); p.setBackground(Color.YELLOW); Graphics g = p.getGraphics(); g.setColor(Color.BLUE); g.drawLine(0, 0, 300, 200); g.drawLine(300, 200, 600, 0); for (int i = 1; i <= 19; i++) { g.drawLine(15 * i, 10 * i, 600 - 15 * i, 10 * i); } } }</pre> | <p>2. Many a student in the computer of fred
Many a computer in the department of major
Many a department in the honor of fred
Many a baz in the bar of foo</p> |
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