```java
import java.awt.Graphics;
import java.applet.Applet;

public class Lab4AWTGraphics extends Applet
{
        public void paint(Graphics g)
                {

                        // Set the Applet window size to 1000px in width by 650px in height
                        setSize(1000, 650);
                        // DRAW CUBE
                        g.drawRect(100, 100, 200, 200);
                        g.drawRect(200, 200, 200, 200);
                        g.drawLine(100, 100, 200, 200);
                        g.drawLine(300, 100, 400, 200);
                        g.drawLine(100, 300, 200, 400);
                        g.drawLine(300, 300, 400, 400);

                        // DRAW SPHERE
                        g.drawOval(150, 150, 200, 200);
                        g.drawOval(175, 150, 150,  200);
                        g.drawOval(200, 150, 100,  200);
                        g.drawOval(225, 150, 50,  200);

                        g.drawOval(150, 150, 200, 200);
                        g.drawOval(150, 175, 200, 150);
                        g.drawOval(150, 200, 200, 100);
                        g.drawOval(150, 225, 200,  50);

                        // DRAW INSCRIBED/CIRCUMSCRIBED TRIANGLE

                        g.drawOval(600, 200, 200, 200);

                        g.drawLine(600, 300, 780, 240);
                        g.drawLine(780, 240, 700, 400);
                        g.drawLine(700, 400, 600, 300);

                        g.drawOval(640, 273, 94, 94);
                        // DRAW MAMS (or your own block initials)

                        g.fillRect(600,50,60,10);
                        g.fillRect(600,100,60,10);
```
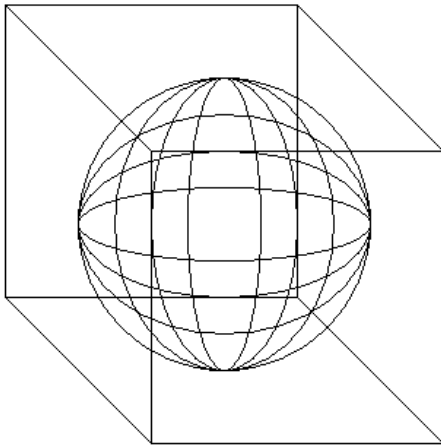
```
g.fillRect(625,50,10,60);

g.fillRect(700,50,60,10);
g.fillRect(700,100,60,10);
g.fillRect(700,50,10,25);
g.fillRect(750,75,10,25);
g.fillRect(700, 75, 60, 10);

// DRAW PACMEN FLOWER

g.fillArc(660, 540, 100, 100, -135, -270);
g.fillArc(660, 420, 100, 100, 135, 270);
g.fillArc(600, 480, 100, 100, -135, 270);
g.fillArc(720, 480, 100, 100, -310, 270);
    }
}
```