



# **UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE**

**CLASS NAME: OBJECT ORIENTED PROGRAMMING**

**TEACHER: EDISON LASCANO**

**NRC:14575**



**HOME WORK #: 21**

**TOPIC: Design Pattern**

**NAME: CARLOS ÑATO**

```

@Override
public void paint(Graphics2D g2, Rectangle2D rectangle2D, boolean isSelected, ModelDate value) {
    boolean today = value.isToday();
    if (today) {
        double cellWidth = rectangle2D.getWidth();
        double cellHeight = rectangle2D.getHeight();
        g2.setColor(FlatUIUtils.getUIColor(svg, "Calendar.selectionColor", fallbackKey: "Component.accentColor"));
        float s1 = UIScale.scale(value, 1f);
        float s2 = UIScale.scale(value, 3f);
        float s3 = UIScale.scale(value, 5f);
        Area area = new Area(new Rectangle2D.Double(0, s1, 0, s1, cellWidth - s1 * 2, cellHeight - s1 * 2));
        if (isSelected) {
            area.subtract(new Area(new Rectangle2D.Double(0, s2, 0, s2, cellWidth - s2 * 2, cellHeight - s2 * 2)));
            area.add(new Area(new Rectangle2D.Double(0, s3, 0, s3, cellWidth - s3 * 2, cellHeight - s3 * 2)));
        }
        g2.fill(area);
    } else if (isSelected) {
        float s1 = UIScale.scale(value, 1f);
        float s2 = UIScale.scale(value, 3f);
        double cellWidth = rectangle2D.getWidth();
        double cellHeight = rectangle2D.getHeight();
        g2.setColor(FlatUIUtils.getUIColor(svg, "Calendar.selectionColor", fallbackKey: "Component.accentColor"));
        Area area = new Area(new Rectangle2D.Double(0, s1, 0, s1, cellWidth - s1 * 2, cellHeight - s1 * 2));
        area.subtract(new Area(new Rectangle2D.Double(0, s2, 0, s2, cellWidth - s2 * 2, cellHeight - s2 * 2)));
        g2.fill(area);
    }
}

```