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import java.awt.Color;
import java.awt.Font;
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.Shape;
import java.awt.geom.AffineTransform;
import java.awt.geom.Ellipse2D;
import java.awt.geom.Rectangle2D;
import java.awt.print.Book;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterGraphics;
import java.awt.print.PrinterJob;

public class MainClass {
    public static void main(String[] args) {
        PrinterJob job = PrinterJob.getPrinterJob();

        PageFormat pf = job.defaultPage();
        pf.setOrientation(PageFormat.LANDSCAPE);

        Book bk = new Book();
        bk.append(new paintCover(), pf);
        bk.append(new paintContent(), job.defaultPage(), 1);

        job.setPageable(bk);
        job.setJobName("My book");
        if (job.printDialog()) {
            try {
                job.print();
            } catch (PrinterException e) {
                System.out.println(e);
            }
        }
    }
}

```

```

class paintContent implements Printable {
    public int print(Graphics g, PageFormat pf, int pageIndex) throws PrinterException {
        System.out.println("Page index = " + pageIndex);
        // pageIndex 1 corresponds to page number 2.
        if (pageIndex > 2)
            return Printable.NO_SUCH_PAGE;

        Graphics2D g2 = (Graphics2D) g;

        double w = pf.getImageableWidth();
        double h = pf.getImageableHeight();

        int xo = (int) pf.getImageableX();
        int yo = (int) pf.getImageableY();
    }
}

```

```

Rectangle2D r = new Rectangle2D.Double(xo, yo, w, h);

g2.setColor(Color.red);
g2.draw(r);

return Printable.PAGE_EXISTS;
}
}

class paintCover implements Printable {
public int print(Graphics g, PageFormat pf, int pageIndex) throws PrinterException {
    Graphics2D g2 = (Graphics2D) g;

    double w = pf.getImageableWidth();
    double h = pf.getImageableHeight();

    int xo = (int) pf.getImageableX();
    int yo = (int) pf.getImageableY();

    Rectangle2D r = new Rectangle2D.Double(xo, yo, w, h);

    g2.setColor(Color.red);
    g2.draw(r);

    PrinterGraphics p = (PrinterGraphics) g2;
    String s = p.getPrinterJob().getJobName();

    g2.setPaint(Color.black);
    g2.drawString(s, 0, 0);

    return Printable.PAGE_EXISTS;
}
}

```