

JAVA实现图片的任意方向反转计算机等级考试 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/646/2021_2022_JAVA_E5_A_E_9E_E7_8E_B0_c97_646129.htm

```
package com.junit.test;
import java.awt.image.BufferedImage;
import java.io.File;
import java.net.URL;
import javax.imageio.ImageIO;
import java.util.*;
public class Test {
    public static void main(String [] args) {
        try {
            //本地地址或URL 的图片
            BufferedImage bi = ImageIO.read(new URL("http://xuke.shfda.gov.cn/validatecode/codeimage.jsp"));
            //截取任意区域的图片
            BufferedImage subimg = bi.getSubimage(0, 0, 100, 30);
            int width = bi.getWidth();
            int height = bi.getHeight();
            System.out.println("w:" + width);
            System.out.println("h:" + height);
            int [][] datas = new int [width] [height];
            int [][] datastmp = new int [width] [height];
            for(int i = 0; i < width; i++) {
                for(int j = 0; j < height; j++) {
                    datastmp[i][j] = datas[i][j];
                }
            }
            for(int i = 0; i < width; i++) {
                for(int j = 0; j < height; j++) {
                    datas[i][j] = datastmp[width - i - 1][height - j - 1];
                }
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

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