

## //Rectangles

```
import java.util.Scanner;
class rectangle
{
    int l,w;
    String colour;
    Scanner ob=new Scanner(System.in);

    void get_length()
    {
        l=ob.nextInt();
    }

    void get_width()
    {
        w=ob.nextInt();
    }

    void get_colour()
    {
        colour=ob.next();
    }

    int find_area()
    {
        return(l*w);
    }

    public static void main(String args[])
    {
        rectangle r1=new rectangle();
        rectangle r2=new rectangle();

        System.out.println("Enter length, breadth and colour of first rectangle:");
        r1.get_length();
        r1.get_width();
        r1.get_colour();

        System.out.println("Enter length, breadth and colour of second rectangle:");
        r2.get_length();
        r2.get_width();
        r2.get_colour();

        if((r1.find_area()==r2.find_area()) && r1.colour.equals(r2.colour))
            System.out.println("Matching rectangles...");
        else
            System.out.println("Non-matching rectangles...");
    }
};
```