**Experiment No.:03**

**import java.util.\*;**

**public class Rectangle {**

**double length,width,area;**

**String color;**

**Scanner s=new Scanner(System.*in*);**

**void get\_length()**

**{**

**System.*out*.println("Enter length");**

**length=s.nextDouble();**

**}**

**void get\_width()**

**{**

**System.*out*.println("Enter width");**

**width=s.nextDouble();**

**}**

**double find\_area()**

**{**

**area=length\*width;**

**return(area);**

**}**

**String get\_colour()**

**{**

**System.*out*.println("Enter color");**

**color=s.next();**

**return(color);**

**}**

**public static void main(String[]args)**

**{**

**Rectangle R1=new Rectangle();**

**Rectangle R2=new Rectangle();**

**System.*out*.println("Enter the details for 1st rectangle");**

**R1.get\_length();**

**R1.get\_width();**

**String str1=R1.get\_colour();**

**System.*out*.println("Enter the details for 2nd rectangle");**

**R2.get\_length();**

**R2.get\_width();**

**String str2=R2.get\_colour();**

**if(R1.find\_area()==R2.find\_area()&& (str1.equals(str2))){**

**System.*out*.println("Matching Rectangle");**

**}**

**else**

**{**

**System.*out*.println("Not matching Rectangles");**

**}**

**}**

**}**



