**EXPERIMENT NO. 3**

**CODE :**

import java.util.\*;

public class rectangle

{

double length;

double width;

double area;

String colour;

Scanner sc =new Scanner(System.in);

rectangle()

{

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

length=sc.nextDouble();

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

width=sc.nextDouble();

System.out.println("Enter the colour");

colour=sc.next();

area=length\*width;

System.out.println("area of rectangle "+area);

}

public static void main(String[]args)

{

System.out.println("1st rectangle");

rectangle r1=new rectangle();

System.out.println("2nd rectangle");

rectangle r2=new rectangle();

if(r1.area==r2.area&&r1.colour.equals(r2.colour)){

System.out.println("Matching rectangle");

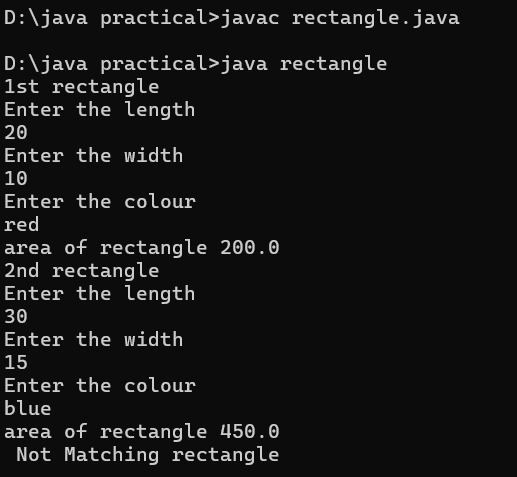
}else{

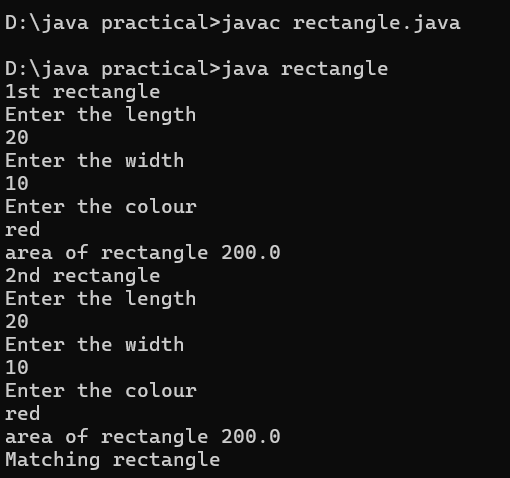
System.out.println(" Not Matching rectangle");}

}

}

**OUTPUT:**

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