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Practical 3

```
import java.util.Scanner;

class Rectangle
{
    double length,width,area;
    String color;
    void get_length(double x)
    {
        length = x;
    }
    void get_width(double y)
    {
        width=y;
    }
    String get_color(String z)
    {
        color=z;
        return color;
    }
    double find_area()
    {
        return(length*width);
    }
    public static void main(String ags[])
    {
        Rectangle r1=new Rectangle();
```

```

r1.get_length(3.4);
r1.get_width(2.4);
double ans1=r1.find_area();
String c1=r1.get_color("red");
Rectangle r2= new Rectangle();
r2.get_length(3.4);
r2.get_width(2.4);
double ans2=r2.find_area();
String c2=r2.get_color("red");
if(ans1==ans2 && c1==c2)
{
    System.out.print("Matching rectangles");
}
else
{
    System.out.print("Not Matching rectangles");
}
}
}

```

Output:

Matching rectangles

=== Code Execution Successful ===

Input2-

```

import java.util.Scanner;

class Rectangle

```

```

{
    double length,width,area;

    String color;

    void get_length(double x)
    {
        length = x;
    }

    void get_width(double y)
    {
        width=y;
    }

    String get_color(String z)
    {
        color=z;

        return color;
    }

    double find_area()
    {
        return(length*width);
    }

    public static void main(String ags[])
    {
        Rectangle r1=new Rectangle();

        r1.get_length(3.4);

        r1.get_width(2.4);

        double ans1=r1.find_area();

        String c1=r1.get_color("red");

        Rectangle r2= new Rectangle();

        r2.get_length(5.4);
    }
}

```

```
r2.get_width(2.4);  
double ans2=r2.find_area();  
String c2=r2.get_color("red");  
if(ans1==ans2 && c1==c2)  
{  
    System.out.print("Matching rectangles");  
}  
else  
{  
    System.out.print("Not Matching rectangles");  
}  
}  
}
```

Output:

Not Matching rectangles

=== Code Execution Successful ===