```java
1  package colorpal;
2  import java.util.Scanner;
3
4  //v.sripurushothaman 192324114
5  public class colc {
6
7      public static void main(String[] args) {
8          Scanner in = new Scanner (System.in);
9          double col = in.nextDouble();
10         if(col >=380 && col < 450 ) {
11             System.out.println("the colour is red");
12
13         }
14         else if (col >= 450 && col <495) {
15             System.out.println("the colour is bluee");
16         }
17         else if (col >=495 && col <570) {
18             System.out.println("the colour is green");
19         }
20         else if (col >=570 && col <590 ) {
21             System.out.println(" the colour is yellow");
22         }
23         else if (col >=590 && col < 620) {
24             System.out.println("the colour is orange ");
25         }
26         else if (col >=620 && col <750) {
27             System.out.println("the colour is red ");
28         }
29         else {
30             System.out.println("enter the valid colour");
31         }
32     }
```

Console ×

<terminated> colc [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (01-Aug-2024, 9:51:33 am – 9:51:46 am) [pid: 17604]
```
495
the colour is green
```

```java
package trapal;
import java.util.Scanner;

// V.sripurushothaman 192324114
public class trafficcls {

    public static void main(String[] args) {
        Scanner in  = new Scanner(System.in);
        int curr =in.nextInt();
        switch (curr) {
        case 1:
            System.out.println("Next traffic light is green");
            break;

        case 2:
            System.out.println("Next traffic light is yellow");
            break;

        case 3:
        System.out.println("Next traffic light is red");
        break;
        default:
            System.out.println("invalid colour");
        }



        }
}
```

```
3
Next traffic light is red
```

```java
package trapal;
import java.util.Scanner;
// v.sripurushothaman 192324114
public class trafficcls {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter a color code:");
        int currentColor = scanner.nextInt();

        if (currentColor == 1) {
            System.out.println("Next Traffic Light is Green");
        } else if (currentColor == 2) {
            System.out.println("Next Traffic Light is Yellow");
        } else if (currentColor == 3) {
            System.out.println("Next Traffic Light is Red");
        } else {
            System.out.println("Invalid color");
        }
    }
}
```

```
Enter a color code:
1
Next Traffic Light is Green
```