## JFo Section-5 Practice Programs

```
🗓 MadLibsjava 🗓 Animalijava 🗓 Animalijava 🗓 Shapejava 🗓 Studentjava 🗘 Studentjava 🗘 Studentzjava 🗘 Cardzjava 🗘 module-info... 🗘 Fishjava 📮 🗘 🕻
                 pri;
java.util.Scanner;
                  System.out.print("Enter a color code: ");
double wavelength = scanner.nextDouble();
                  }
else if (wavelength >= 450 && wavelength < 495) {
   System.out.println("The color is Blue");</pre>
                 }
else if (wavelength >= 495 && wavelength < 570) {
   System.out.println("The color is Green");</pre>
                 } else if (wavelength >= 570 && wavelength < 590) {
    System.out.println("The color is Yellow");
                 }
else if (wavelength >= 590 && wavelength < 620) {
System.out.println("The color is Orange");
                 }
else if (wavelength >= 620 && wavelength <= 750) {
   System.out.println("The color is Red");</pre>
                 scanner.close();
                                                                                                                                                                                                                                   ■ × ½ | 🖺 👪
Enter a color code:
The color is Blue
💋 Orderjava 🗓 MadLibs,java 🗓 Animaljava 🗓 Animalljava 🗓 shapejava 🗓 Student,java 🗓 Student1.java 🗓 Student2java 🗓 Card2.java 🗓 module-info...
        package pri;
import java.util.Scanner;
  3
4 public class TrafficLightChecker {{
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7         System.out.print("Enter a color code: ");
8         int currentColor = scanner.nextInt();
                   nextColor = "yellow";
break;
                        break;
case 3:
    nextColor = "red";
    break;
default:
                              nextColor = "Invalid color";
break:
                 if (nextColor.equals("Invalid color")) {
    System.out.println(nextColor);
} else {
    System.out.printf("Next Traffic Light is %s%n", nextColor);
}
■ Console ×
<terminated> TrafficLightChecker [Java Application] C\Users\DELL\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (2 Aug 2024, 1:32
Enter a color code: 2
Next Traffic Light is yellow
```