SHAIK MAHUMMAD 192325031

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Run Window Help
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🛮 story.java-27-07 🗓 Card.java 🗓 helloworld.java 🖟 random.java 🗓 COLOUR.java 🗴
  1 package BASHAPACK;
  2 import java.util.Scanner;
  3 public class COLOUR {
             public static void main(String[] args) {
  48
                  Scanner scanner = new Scanner(System.in);
                  System.out.print("Enter a color code:
  6
                  double wavelength = scanner.nextDouble();
  8
                  if (wavelength >= 380 && wavelength < 450) {
  9
                       System.out.println("The color is Violet");
 10
                  } else if (wavelength >= 450 && wavelength < 495) {
 11
                      System.out.println("The color is Blue");
                  } else if (wavelength >= 495 && wavelength < 570) {
    System.out.println("The color is Green");
} else if (wavelength >= 570 && wavelength < 590) {</pre>
 14
                      System.out.println("The color is Yellow");
 15
                  } else if (wavelength >= 590 && wavelength < 620) {
 16
                      System.out.println("The color is Orange");
 18
                  } else if (wavelength >= 620 && wavelength < 750) {
 19
                      System.out.println("The color is Red");
 20
                  } else {
 21
                      System.out.println("The entered wavelength is not a part of the visible spectrum");
 22
 23
24
                  scanner.close():
             }
         }
 26
                                                                                                                                      X
<terminated> COLOUR [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (2 Aug 2024, 1:40:15 pm - 1:40:36 pm) [pid: 10004]
Enter a color code: 590
The color is Orange
```

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□ 🖸 story.java-27-07 🗓 Card.java 🗓 helloworld.java 🖟 random.java 🗓 COLOUR.java ×
         package BASHAPACK;
import java.util.Scanner;
          public class COLOUR {
                    public static void main(String[] args) {
                         Scanner scanner = new Scanner(System.in);
System.out.print("Enter a color code (1 for Red, 2 for Green, 3 for Yellow): ");
int colorCode = scanner.nextInt();
String nextColor;
switch (colorCode) {
                               case 1:
                                    nextColor = "Green";
                                    break;
                               case 2:
    nextColor = "Yellow";
                                    break;
                               case 3:
                                    nextColor = "Red";
                                    break;
                               default:
                                    System.out.println("Invalid color");
                                    scanner.close();
                                    return;
                          System.out.println("Next Traffic Light is " + nextColor);
                          scanner.close();
                    }
               }
     29
30
31

    Problems @ Javadoc   □ Declaration   
    Search □ Console ×

    <terminated> COLOUR [Java Application] C\Program Files\Java\jdk-22\bin\javaw.exe (2 Aug 2024, 1:52:31 pm - 1:52:36 pm) [pid: 5580] Enter a color code (1 for Red, 2 for Green, 3 for Yellow): 2
    Next Traffic Light is Yellow
```

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