```java
1 package class7;
2
3 public enum TrafficLight {
4
5     RED, YELLOW, GREEN
6
7 } // end TrafficLight
8
```

```java
1 package class7;
2
3 public class EnumDemo {
4
5     public static void main(String[] args) {
6
7         // simple String type traffic light
8         System.out.println("--------------------- SIMPLE STRING TRAFFIC LIGHT
  ---------------------");
9         String trafficLight = "Yallow";
10        switch (trafficLight) {
11            case "Green": System.out.println("Go!"); break;
12            case "Yellow": System.out.println("Floor it, you got this!"); break;
13            case "Red": System.out.println("Stop!"); break;
14            default: System.out.println("The light is broken, follow 4-way stop rules.");
15        } // end switch
16
17        // enum demonstration
18        System.out.println("--------------------- ENUM TRAFFIC LIGHT ---------------------");
19        TrafficLight oakAndI40 = TrafficLight.GREEN;
20        switch (oakAndI40) {
21            case GREEN: System.out.println("Go!"); break;
22            case YELLOW: System.out.println("Floor it, you got this!"); break;
23            case RED: System.out.println("Stop!"); break;
24            default: System.out.println("The light is broken, follow 4-way stop rules.");
25        } // end switch
26    } // end main
27
28 } // end EnumDemo
```