Enumerated Types (Enums)

```java
import java.util.Scanner;

public class EnumDemo
{

    public enum Stoplight
    {
        RED, YELLOW, GREEN
    }



    public static void whichLight (Stoplight myLight)
    {
        switch (myLight)
        {
            case RED:
                System.out.println("Please stop.");
                break;

            case YELLOW:
                System.out.println("Proceed with caution.  Light is about to turn red.");
                break;

            case GREEN:
                System.out.println("Go!");
                break;
        }
```

```java
    }


    public static void main(String[] args)

    {

        Stoplight aLight = Stoplight.YELLOW;

        whichLight (aLight);


        Scanner kb = new Scanner (System.in);

        System.out.println ("What color is the light?");

        String color = String.toUpperCase (kb.nextLine());

        Stoplight currentColor = Stoplight.valueOf (color);

        whichLight (currentColor);

    }



}
```

OUTPUT

1st

Proceed with caution. Light is about to turn red.

2nd (assume user input is Green)

Go!