Assignment-1

Smart Solution For Railways

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//Digital Pins/Variables

 Int blueLED1 = 2; //Blue LED to Pin 2
 Int yellowLED2 = 3; //Yellow LED to Pin 3
 Int greenLED3 = 4; //Green LED to Pin 4
 Int redLED4 = 5; //Red LED to pin 5
 Int buzzer = 6; //Buzzer to pin 6


 Void setup() { //Setup Code


 pinMode(blueLED1, OUTPUT); //Blue LED as output
 pinMode(yellowLED2, OUTPUT); //Yellow LED as output
 pinMode (greenLED3, OUTPUT); //Green LED as output
 pinMode(redLED4, OUTPUT); //Red LED as output
 (buzzer, OUTPUT); //Buzzer as output
 digitalWrite(buzzer, HIGH); //Turn Buzzer on
 }
 Void loop() { //Loop code
 digitalWrite(blueLED1, HIGH); //Blue led on
 delay(50); //wait for 1/25 of a second
 digitalWrite(blueLED1, LOW); //Blue led off
 digitalWrite(yellowLED2, HIGH); //Yellow led on
 delay(50); //wait for 1/25 of a second
 digitalWrite(yellowLED2, LOW); //Yellow led off
 digitalWrite(greenLED3, HIGH); //Green led on
 delay(50); //wait for 1/25 of a second
 digitalWrite(greenLED3, LOW); //Green led off
 digitalWrite(redLED4, HIGH); //Red led on
```

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delay(50); //wait for 1/25 of a second
digitalWrite(redLED4, LOW); //Red led off
digitalWrite(greenLED3, HIGH); //Green led on
delay(50); //wait for 1/25 of a second
digitalWrite(greenLED3, LOW); //Green led off
digitalWrite(yellowLED2, HIGH); //Yellow led on
delay(50); //wait for 1/25 of a second
digitalWrite(yellowLED2, LOW); //Yellow led off }
```