

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 }

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