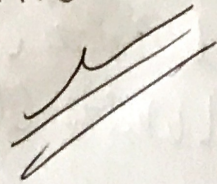


IoT Lab

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IBM18CS098

2> Traffic Lights:



```
int GREEN=2;  
int YELLOW=3;  
int RED=4;  
int DELAY_GREEN=5000;  
int DELAY_YELLOW=3000;  
int DELAY_RED=7000;
```

```
void setup()  
{  
  pinMode(GREEN, OUTPUT);  
  pinMode(YELLOW, OUTPUT);  
  pinMode(RED, OUTPUT);  
}
```

```
void loop()  
{  
  green-light();  
  delay(DELAY_GREEN);  
  yellow-light();  
  delay(DELAY_YELLOW);  
  red-light();  
  delay(DELAY_RED);  
}
```



void green-light()

{ digitalWrite(GREEN, HIGH);  
digitalWrite(YELLOW, LOW);  
digitalWrite(RED, LOW);  
}

void yellow-light()

{ digitalWrite(GREEN, LOW);  
digitalWrite(YELLOW, HIGH);  
digitalWrite(RED, LOW);  
}

void red-light()

{ digitalWrite(GREEN, LOW);  
digitalWrite(YELLOW, LOW);  
digitalWrite(RED, HIGH);  
}

