

### Assignment -3

Assignment Date	13 October 2022
Student Name	S.Priyadarshini
Student Roll Number	111519106123
Maximum Marks	2 Marks

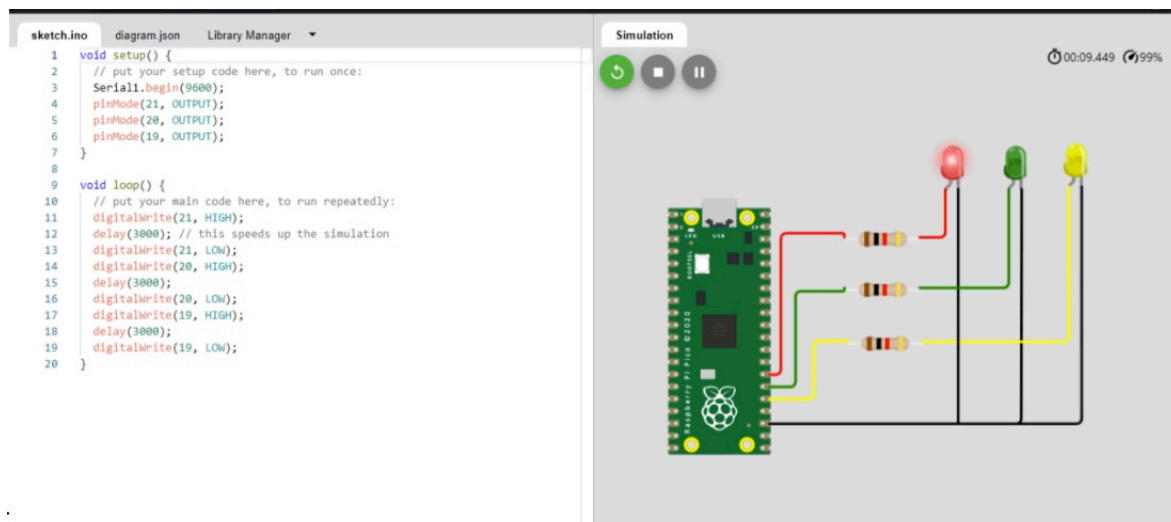
#### Question-1:

Write a Python code For Traffic Lights using Raspberry Pi

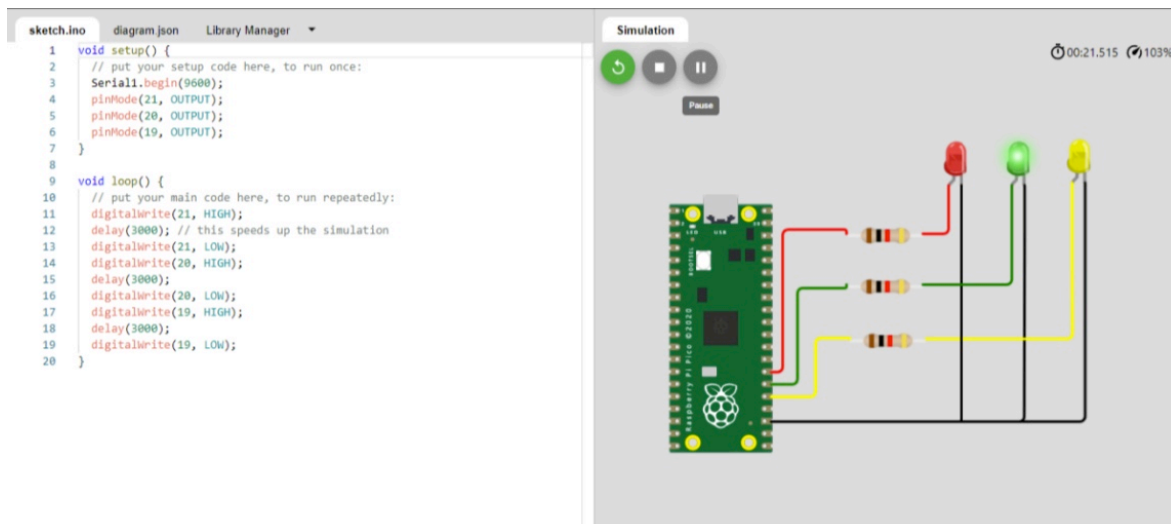
Coding :

```
voidsetup() {  
    Serial1.begin(9600);  
    pinMode(21, OUTPUT);  
    pinMode(20, OUTPUT);  
    pinMode(19, OUTPUT);  
}  
voidloop() {  
    digitalWrite(21, HIGH);  
    delay(3000);  
    digitalWrite(20, HIGH);  
    delay(3000);  
    digitalWrite(20, LOW);  
    digitalWrite(19,HIGH);  
    delay(3000);  
    digitalWrite(19,LOW);  
}
```

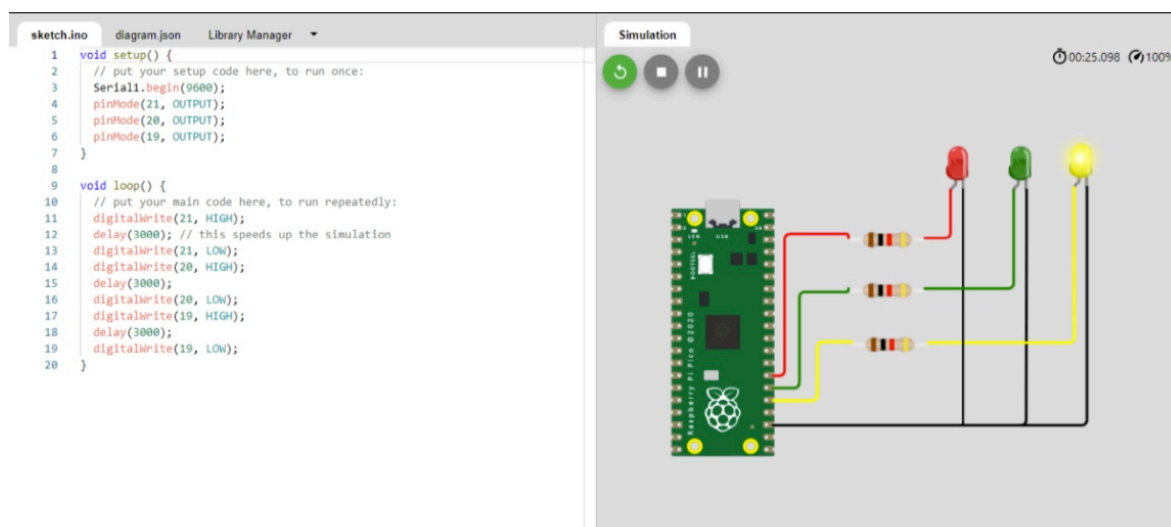
RED (R)



GREEN (G)



YELLOW (Y)



## Question-2 :

Write a Python code for Blinking of LED using Raspberry Pi.

Coding :

```
void setup() {  
  
    Serial1.begin(9600);  
  
    pinMode(22, OUTPUT);  
  
}  
  
void loop() {  
  
    digitalWrite(22, HIGH);  
  
    Serial.println("LED ON");  
  
    delay(2000);  
  
    digitalWrite(22, LOW);  
  
    Serial.println("LED OFF");  
  
    delay(2000);  
  
}
```

