# ASSIGNMENT-3
## Name: Gughan.G
## Reg no: 713519CEEC011
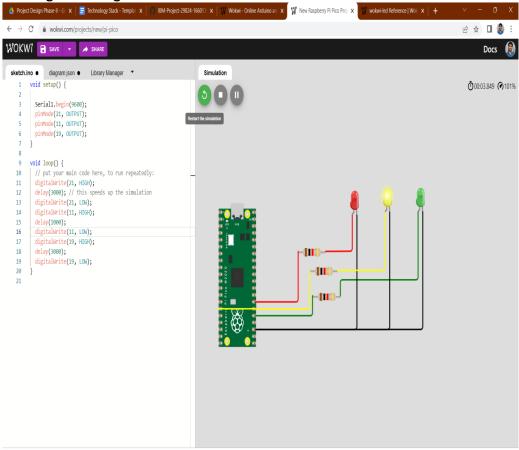## College Name: SNS COLLEGE OF ENGINEERING

***PROGRAM FOR TRAFFIC LIGHT***

**Python Code:**

```
void setup() {
Serial1.begin(9600);
pinMode(21, OUTPUT);
pinMode(11, OUTPUT);
pinMode(19, OUTPUT);
}
void loop() {
 digitalWrite(21, HIGH);
 delay(3000);
 digitalWrite(21, LOW);
 digitalWrite(11, HIGH);
 delay(1000);
 digitalWrite(11, LOW);
 digitalWrite(19, HIGH);
 delay(3000);
 digitalWrite(19, LOW);
 }
```
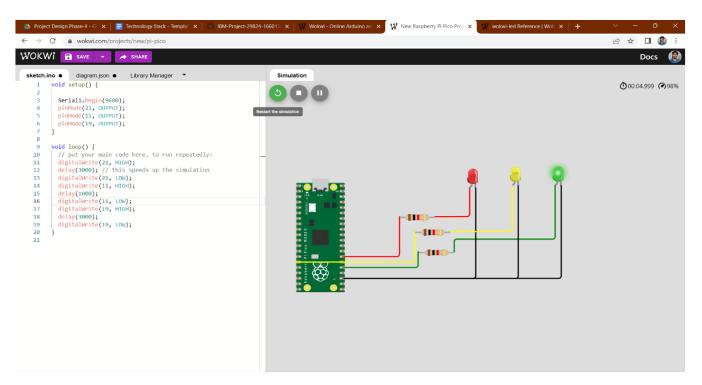
**OUTPUT:**
**Traffic Lights For Raspberry Pi**
**Blinking Red Light:**

## Blinking Yellow Light:



## Blinking Green Light:

**BLINKING LED:**
**PROGRAM FOR BLINKING**
**LED:**
**Python code:**

```
void setup() {
```

```
Serial1.begin(9600);
pinMode(22, OUTPUT);
}
void loop() {
digitalWrite(22, HIGH);
Serial.println("LED ON");
delay(1000);
digitalWrite(22, LOW);
Serial.println("LED OFF");
delay(1000);
}
```

**Output:**

**Blinking LED For Raspberry pi:**