

## **Tugas 1 Sistem Tersemit**



**Oleh:**

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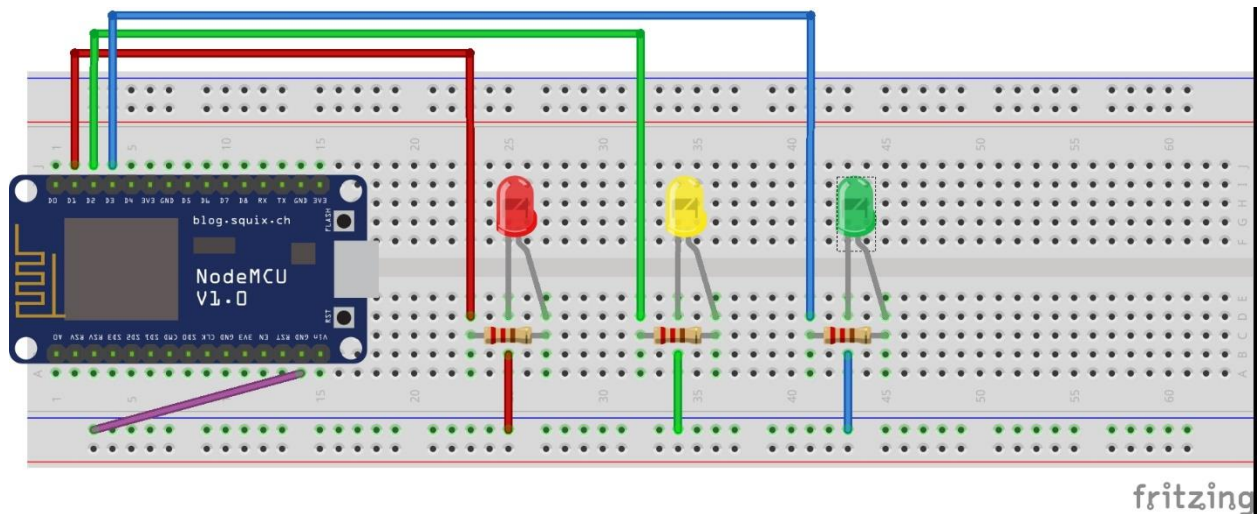
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### Diagram Sketch



## Kebutuhan Bahan

Bahan	Jumlah	Nilai	Keterangan
LED 5MM	3 pcs		Warna Merah, kuning, dan hijau
Resistor ¼ watt	3 pcs	220 Ohm	

## ***Source Code***

```
int redLED = 5; // Pinout D1 is connected with LED (red) anode
int yellowLED = 4; // Pinout D2 is connected with LED (yellow) anode
int greenLED = 0; // Pinout D3 is connected with LED (green) anode

void setup() {
  pinMode(redLED, OUTPUT);
  pinMode(yellowLED, OUTPUT);
  pinMode(greenLED, OUTPUT);
}

void loop() {
  digitalWrite(redLED, HIGH); // LED (red) is ON
  digitalWrite(yellowLED, LOW); // LED (yellow) is OFF
  digitalWrite(greenLED, LOW); // LED (green) is OFF
  delay(2000);

  digitalWrite(redLED, LOW); // LED (red) is OFF
  digitalWrite(yellowLED, HIGH); // LED (yellow) is ON
  digitalWrite(greenLED, LOW); // LED (green) is OFF
  delay(2000);

  digitalWrite(redLED, LOW); // LED (red) is OFF
  digitalWrite(yellowLED, LOW); // LED (yellow) is OFF
  digitalWrite(greenLED, HIGH); // LED (green) is ON
  delay(2000);
}
```