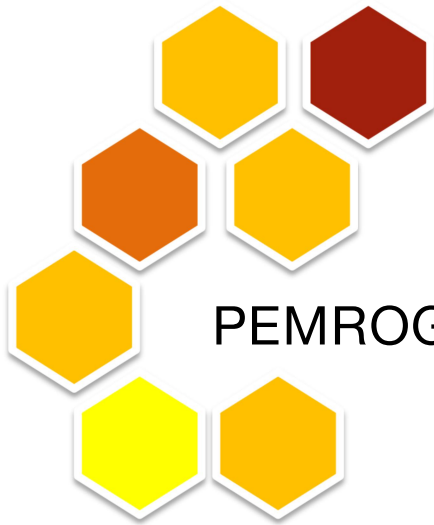


*Bahan Ajar*



**Modul**

# PEMROGRAMAN TERSTRUKTUR

**Kode Matakuliah: SKO21411**

C For Arduino



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**2023**

## DAFTAR ISI

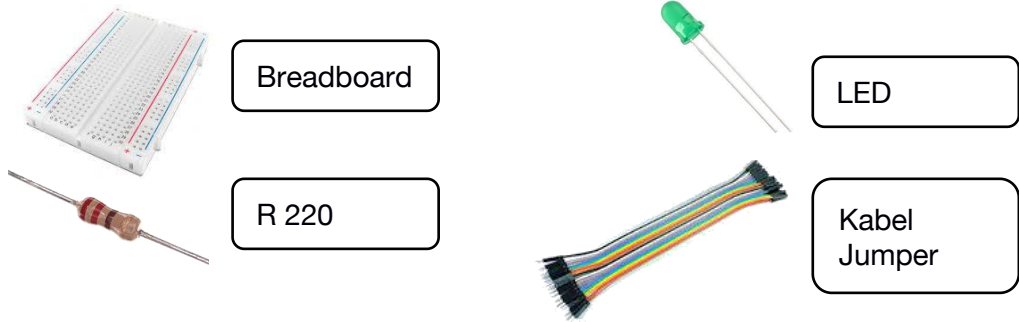
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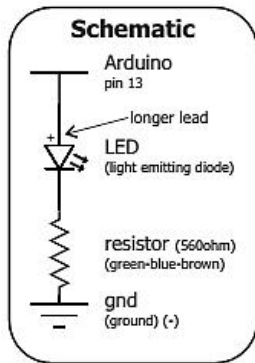
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## **Looping Program in C Arduino (LED)**

### **KOMPONEN**

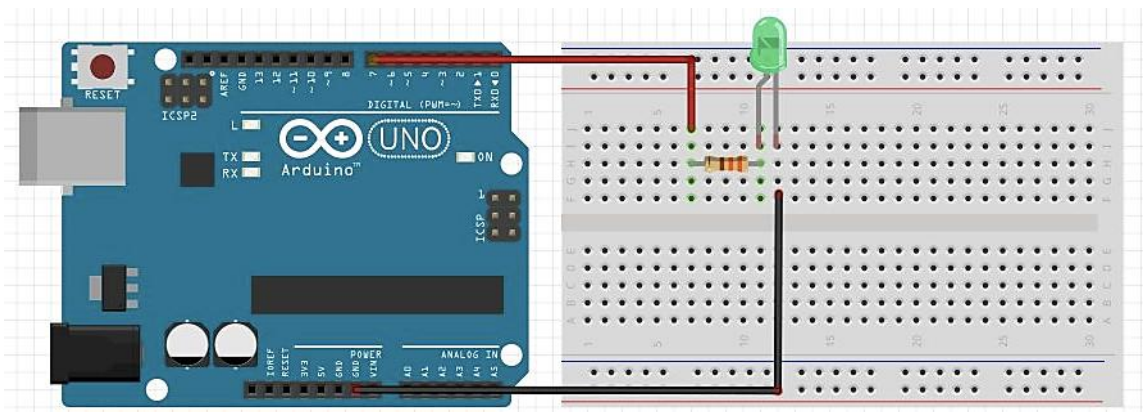


### **SKEMA**



### **PERAKITAN**

Hubungkan Pin 7 Arduino ke kaki resistor pada papan breadboard dan LED seperti pada gambar. Tambahkan beberapa LED.



## **KODE PROGRAM**

```
int led = 7;  
void setup() {  
  pinMode(led, OUTPUT);  
}
```

```
void loop() {  
  digitalWrite(led, HIGH);  
  delay(1000);  
  digitalWrite(led, LOW);  
  delay(1000);  
}
```

---

## **LATIHAN**

Lakukan memprogram nyala LED dengan menggunakan fungsi LOOPING dalam bahasa C for Arduino.

LAPORAN HASIL PERCOBAAN: