

```

int led1 = 13;
int led2 = 12;
int led3 = 11;
int out;
void setup()
{
    Serial.begin(9600);
    pinMode(led1, OUTPUT);
    pinMode(led2, OUTPUT);
    pinMode(led3, OUTPUT);
}

void loop()
{
    if (Serial.available()>0)
    {
        int baca = Serial.read();
        if (baca == 'a')
        {
            out=1;
        }
        if (baca == 'b')
        {
            out=2;
        }
        if (baca == 'c')
        {
            out=3;
        }
    }

    if(out==1)
    jalan:           //LED akan berjalan running
    {
        digitalWrite(led1, HIGH);
        delay(500);
        digitalWrite(led1, LOW);
        delay(500);
        digitalWrite(led2, HIGH);
        delay(500);
        digitalWrite(led2, LOW);
        delay(500);
        digitalWrite(led3, HIGH);
        delay(500);
    }
}

```

```
digitalWrite(led3, LOW);  
delay(500);  
Serial.println("LED running");  
loop();  
goto jalan;  
}
```

```
if(out==2)  
start:           // LED akan berjalan flip flop  
{  
digitalWrite(led1, HIGH);  
digitalWrite(led2, HIGH);  
digitalWrite(led3, HIGH);  
delay(500);  
digitalWrite(led1, LOW);  
digitalWrite(led2, LOW);  
digitalWrite(led3, LOW);  
delay(500);  
Serial.println("LED flip flop");  
loop();  
goto start;  
}
```

```
if(out==3)  
stop:           // LED akan mati  
{  
digitalWrite(led1,LOW);  
digitalWrite(led2,LOW);  
digitalWrite(led3,LOW);  
Serial.println("LED mati");  
loop();  
goto stop;  
}  
}  
}
```