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**Subject** : IOTL  
**Class** : SE(A)  
**Branch** : AI&DS  
**Assignment No** : 05

**Problem Statement:**

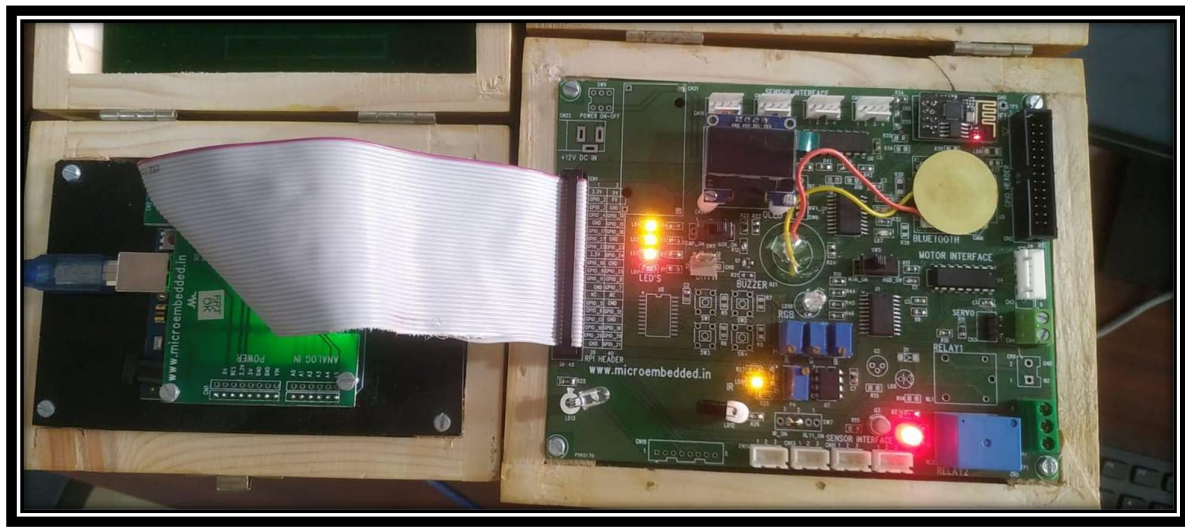
Write a program using Arduino to control LED (One or more ON/OFF). Or Blinking

**Code:**

```
void setup() {  
    // put your setup code here, to run once:  
    pinMode(0, OUTPUT);  
    pinMode(1, OUTPUT);  
    pinMode(2, OUTPUT);  
    pinMode(4, OUTPUT);  
}  
  
void loop() {  
    // put your main code here, to run repeatedly:  
    digitalWrite(0, HIGH);  
        delay(100);  
    digitalWrite(1, HIGH);  
        delay(100);  
    digitalWrite(2, HIGH);  
        delay(100);  
    digitalWrite(4, HIGH);  
        delay(200);  
    digitalWrite(0, LOW);
```

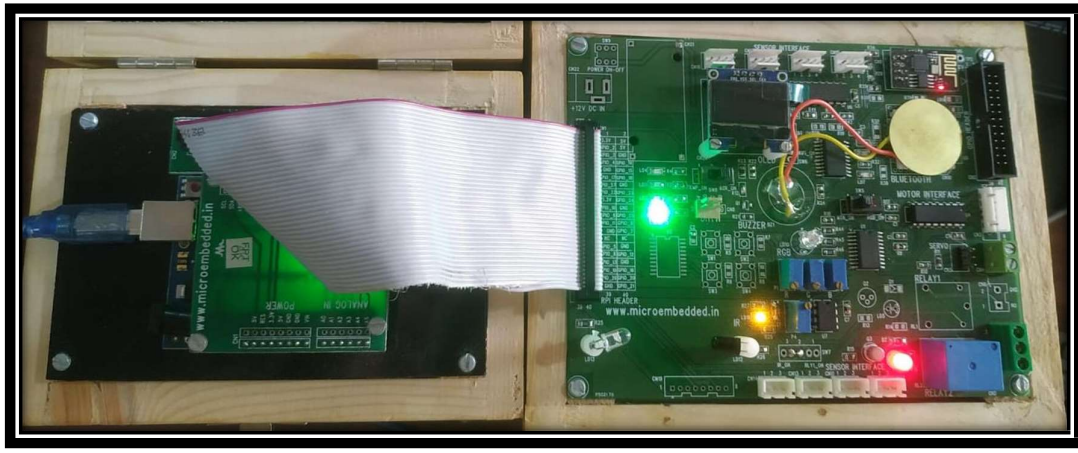
```
    delay(100);  
digitalWrite(1, LOW);  
    delay(100);  
digitalWrite(2, LOW);  
    delay(100);  
digitalWrite(4, LOW);  
    delay(200);  
}
```

### **Output:**

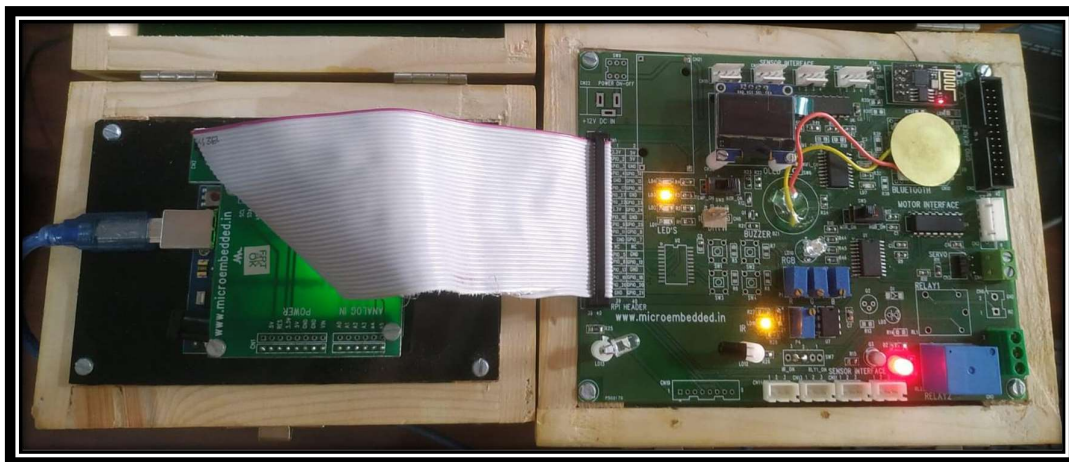


## Output:

Counter less than 100(Green):



Counter between 101 to 200(Yellow):



Counter greater than 200(Red):

