Assignment-3

BATCH	B12-6A2E
TEAM ID	PNT2022TMID01775
TEAM MEMBERS	MITHUNKUMAR M - 7376191EC202 (Team Lead) MANOJ KUMAR M - 7376191EC198 MANOJ S - 7376191EC199 LOGANATHAN M - 7376191EC195
PROJECT	Gas Leakage Monitoring & Alerting System for Industries

```
void setup()

{

  pinMode(13, OUTPUT); // Red LED

  pinMode(12, OUTPUT); // Amber LED

  pinMode(11, OUTPUT); // Green LED

}
```

```
void loop()

{

 // Green

 digitalWrite(13, LOW);

 digitalWrite(12, LOW);

 digitalWrite(11, HIGH);

 delay(3000); // Wait for 3000 millisecond(s)


 // Amber

 digitalWrite(12, HIGH);

 digitalWrite(11, LOW);

 delay(1000); // Wait for 1000 millisecond(s)


 // Red

 digitalWrite(13, HIGH);

 digitalWrite(12, LOW);

 delay(3000); // Wait for 3000 millisecond(s)


 // Red + Blinking Amber

 digitalWrite(13, HIGH);

 digitalWrite(11, LOW);

 for (int i = 0; i < 3; i++) {

  digitalWrite(12, HIGH);

  delay(500); // Wait for 500 millisecond(s)
```

```
  digitalWrite(12, LOW);

  delay(500); // Wait for 500 millisecond(s)

 }

}
```