

Project Design Phase-I

Problem Solution Fit

BATCH	B12-6A2E
TEAM ID	PNT2022TMID01775
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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)  
  
}  
  
}
```