**Team Members:**

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**Project Title:**

Fire Alarm Using Industries

**Assignment 3:**

**Code :**

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)

}

}