void setup() {

pinMode(2, OUTPUT); // Red LED

pinMode(3, OUTPUT); // Yellow LED

pinMode(4, OUTPUT); // Green LED

}

void loop() {

// Red light

digitalWrite(2, HIGH);

delay(3000); // Wait for 3 seconds

// Red and yellow lights

digitalWrite(3, HIGH);

delay(1000); // Wait for 1 second

// Green light

digitalWrite(2, LOW);

digitalWrite(3, LOW);

digitalWrite(4, HIGH);

delay(3000); // Wait for 3 seconds

// Yellow light

digitalWrite(4, LOW);

digitalWrite(3, HIGH);

delay(1000); // Wait for 1 second