#define LED\_PIN 2 // Use the built-in LED pin

void setup() {

pinMode(LED\_PIN, OUTPUT); // Set the LED pin as an output

}

void loop() {

digitalWrite(LED\_PIN, HIGH); // Turn the LED on

delay(2000); // Wait for 1 second

digitalWrite(LED\_PIN, LOW); // Turn the LED off

delay(4000); // Wait for 1 second

digitalWrite(LED\_PIN, HIGH); // Turn the LED on

delay(4000); // Wait for 1 second

digitalWrite(LED\_PIN, LOW); // Turn the LED off

delay(2000);

}