#include <ESP8266WiFi.h>

// Motor A connections

const int motorA1 = 5; // L298N IN1

const int motorA2 = 4; // L298N IN2

const int enableA = 0; // L298N ENA (Enable A)

void setup() {

Serial.begin(9600); // Initialize serial communication

pinMode(motorA1, OUTPUT);

pinMode(motorA2, OUTPUT);

pinMode(enableA, OUTPUT);

}

void loop() {

// Run motor clockwise for 2 seconds

Serial.println("Rotating clockwise");

digitalWrite(motorA1, HIGH);

digitalWrite(motorA2, LOW);

analogWrite(enableA, 255); // Full speed (255 out of 255)

delay(2000);

// Stop motor for 1 second

Serial.println("Stopping");

digitalWrite(motorA1, LOW);

digitalWrite(motorA2, LOW);

analogWrite(enableA, 0); // Stop motor (0 out of 255)

  delay(1000);

}