#include <AFMotor.h>

AF\_DCMotor motor1(1); // Motor 1

AF\_DCMotor motor2(2); // Motor 2

int headlightPin = 9; // Pin for headlight

int hornPin = 10; // Pin for horn

void setup() {

Serial.begin(9600);

pinMode(headlightPin, OUTPUT);

pinMode(hornPin, OUTPUT);

}

void loop() {

if (Serial.available()) {

char command = Serial.read();

switch (command) {

case 'F': // Move forward

motor1.setSpeed(255);

motor1.run(FORWARD);

motor2.setSpeed(255);

motor2.run(FORWARD);

break;

case 'S': // Stop

motor1.run(RELEASE);

motor2.run(RELEASE);

break;

case 'H': // Headlight on

digitalWrite(headlightPin, HIGH);

break;

case 'R': // Horn

digitalWrite(hornPin, HIGH);

delay(1000); // Horn duration

digitalWrite(hornPin, LOW);

break;

}

}

}