PROGRAM FOR CARPARKING SYSTEM

#include <Servo.h>

Servo myservo;

int ldr1,ldr2 ;

void setup() {

myservo.attach(9);

Serial.begin(9600);

pinMode(2, INPUT);

pinMode(3,INPUT);

pinMode(12,OUTPUT);

pinMode(13,OUTPUT);

}

void ldr1p() {

ldr1 = digitalRead(2);

ldr2 = digitalRead(3);

if(ldr1 == HIGH){

digitalWrite(13,HIGH);

myservo.write(0);

delay(1000);

myservo.write(90);

}

else {

digitalWrite(13,LOW);

}}

void ldr2p(){

if (ldr2== HIGH) {

digitalWrite(13,LOW);

myservo.write(90);

delay(1000);

myservo.write(0);

}

else {

digitalWrite(13,HIGH);

}

}

void loop(){

ldr1p();

ldr2p();

}