ARDUINO CODE FOR WATER SPRINKLING AND DETECTION SYSTEM

USE ARDUINO IDE FOR THE GIVEN CODE AND PUSH THE CODE INTO THE ARDUINO

int Pump=8;

int Buzzer=4;

int Sensor=12;

void setup() {

Serial.begin(9600);

pinMode(Pump, OUTPUT);

pinMode(Buzzer, OUTPUT);

pinMode(Sensor, INPUT\_PULLUP);

}

void loop() {

if(digitalRead(Sensor)==LOW)

{

Serial.println("Flame Detection!!");

digitalWrite(Pump,HIGH);

digitalWrite(Buzzer,HIGH);

delay(1000);

// digitalWrite(Pump,LOW);

// digitalWrite(Buzzer,LOW);

// delay(1000);

}

else

{

Serial.println("No dangerous!");

digitalWrite(Pump,LOW);

digitalWrite(Buzzer,LOW);

delay(500);

}

}