```
#define SENSOR_PIN 2
#define BUZZER_PIN 3
#define RELAY_PIN 4
#define SPRINKLER_START_DELAY 5000 //5 seconds
#define SPRINKLER_ON_TIME 3000 //3 seconds Sprinkler on time
unsigned long previousTime = millis();
void setup()
{
pinMode(RELAY_PIN, OUTPUT);
pinMode(SENSOR_PIN, INPUT);
}
void loop()
{
//If there is fire then the sensor value will be LOW else the value will be HIGH
int sensorValue = digitalRead(SENSOR_PIN);
//There is fire
if (sensorValue == LOW)
{
  analogWrite(BUZZER_PIN, 50); //Turn on buzzer
  if (millis() - previousTime > SPRINKLER_START_DELAY) //We will wait for few seconds before
sprinkler can be started once fire is detected.
 {
```

