

SPRINT 1

PROJECT TITLE : HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IoT

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```
int temppin=A0;

float temp=0;

int Buzz=A1;

void setup() {

    // put your setup code here, to run once:

    Serial.begin(9600);

    pinMode(Buzz,OUTPUT);

}

void loop() {

    // put your main code here, to run repeatedly:

    temp=analogRead(temppin);

    temp=temp*0.48828125;

    Serial.println(temp);

    delay(1000);

    if (temp>30)

    {digitalWrite(Buzz,HIGH);}

    else

    {digitalWrite (Buzz,LOW);}

}
```