

## Experiment - 6

Aim: Design a alert system using flame sensor (use temp sensor for experiment in tinkercad)

Hardware requirement:

Arduino Board

Bread Board

Temperature sensor

Piezo

Code:

```
int tempPin = A0;
float temp = 0;
int Buzz = 12;
void setup()
{
    serial.begin(9600);
    pinMode(Buzz, OUTPUT);
    pinMode(13, OUTPUT);
}
void loop()
{
    temp = analogRead(tempPin);
    temp = temp * 0.48828125;
    serial.println(temp);
    delay(1000);
    if (temp > 30)
```



if digitalWrite ( Buzz, HIGH);

digitalWrite ( 13, HIGH);

delay (300);

else if digitalWrite (BUZZ, LOW);

digitalWrite ( 13, LOW);

} }



