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# Assignment -2

Build a phyton code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Code:

```
int gasSensor=A1;

int buzzer=13;

int led=12;

void setup()

{

  temperature_feed =('temperature')

  humidity_feed =('humidity')

  pinMode(A1,INPUT);

  pinMode(buzzer,OUTPUT);

  pinMode(led,OUTPUT);

  Serial.begin(9600);
```

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```
}

void loop()
{
  int sensorValue=analogRead(gasSensor);
  Serial.print("GAS LEVEL:");
  Serial.println(sensorValue);
  delay(1000);
  if (sensorValue>250)
  {
    digitalWrite(buzzer,HIGH);
    digitalWrite(led,HIGH);
  }
 else
 {
  digitalWrite(buzzer,LOW);
   digitalWrite(led,LOW);
 }
}
```
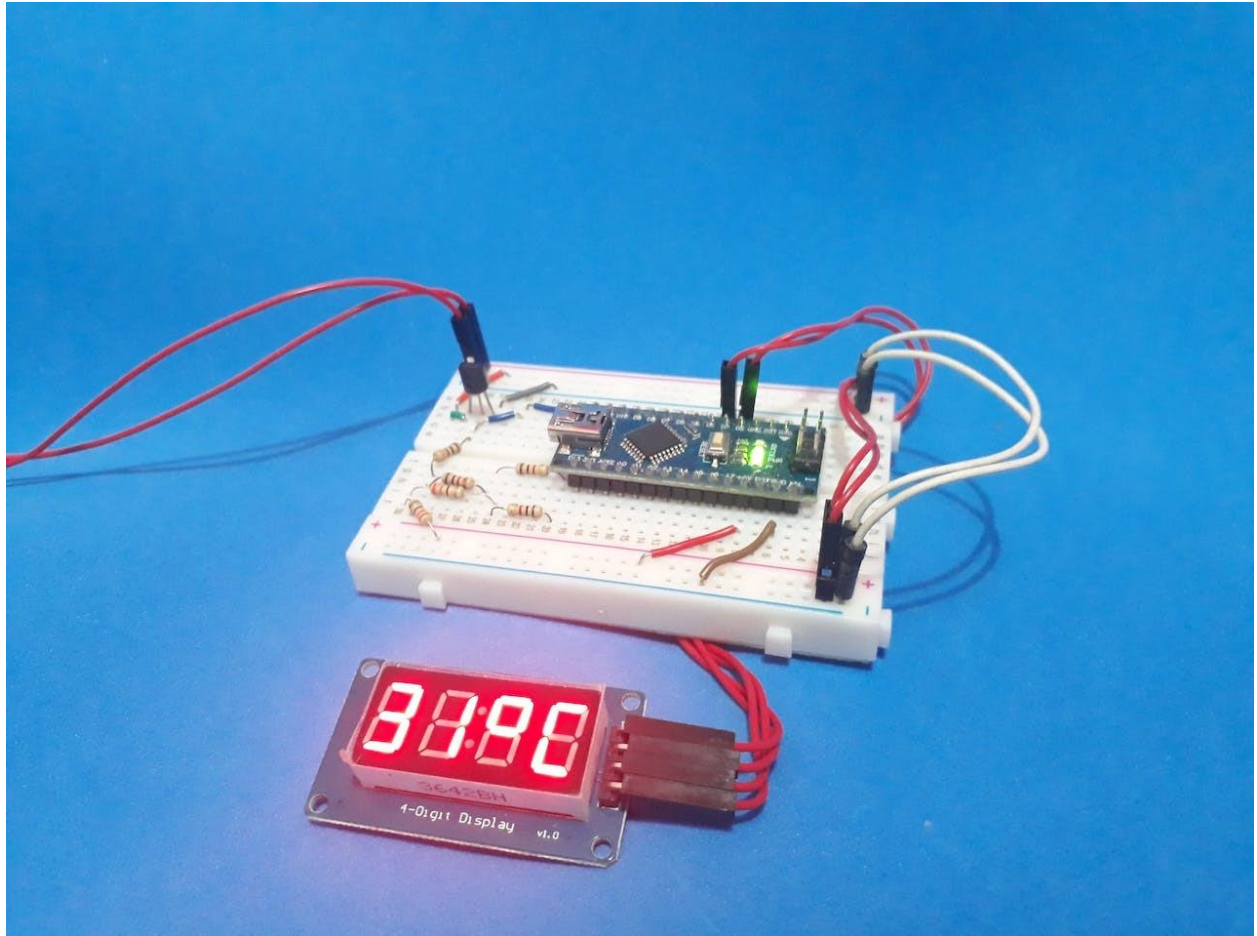
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