

ASSIGNMENT

Assignment - 2

BATCH	B12-6A2E		
TEAM ID	PNT2022TMID01722		
TEAM MEMBERS	GOWTHAMRAJ	-	7376191EC148 (Team Lead)
	KARTHICK RAJ BHARATHI	-	7376191EC181
	KARUNRAJ	-	7376191EC184
	KAVI RAAJ	-	7376191EC185
PROJECT	Gas Leakage Monitoring & Alerting System for Industries		

Submitted By

KARTHICK RAJ BHARATHI R - 7376191EC181

```
import random
from time import sleep

def generate_values():
    temperature = random.randint(10, 50)
    humidity = random.randint(10, temperature)
    return humidity, temperature

humidity = temperature = 0

while temperature < 45:
    humidity, temperature = generate_values()
    print('Humidity:', humidity, 'Temperature:', temperature)
    sleep(0.50)

print('High Temperature Detected')
```

```
Humidity: 18 Temperature: 43
Humidity: 10 Temperature: 14
Humidity: 13 Temperature: 38
Humidity: 36 Temperature: 44
Humidity: 34 Temperature: 41
Humidity: 33 Temperature: 35
Humidity: 36 Temperature: 45
High Temperature Detected
```