

**HAZARDOUS AREA MONITORING FOR
INDUSTRIAL PLANTS POWERED BY IOT**

SUBMITTED BY

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ASSIGNMENT-02

Build a python 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.


```
import random
import time
def CheckTemp(temperature):
    if temperature>70:
        print("Temperature is high")
temp = random.randint(-40,100)
humid = random.randint(0,100)
while True:
    temp = random.randint(-40,100)
    humid = random.randint(0,100)
    print("Temperature = "+str(temp))
    print("Humidity = "+str(humid))
    CheckTemp(temp)
    time.sleep(1)
```


OUTPUT:


 Run


 Share


Command Line Arguments


 Temperature = 81


 Humidity = 65


 Temperature is high


 Temperature = 51

 Humidity = 12

 Temperature = 41

 Humidity = 6

 Temperature = 62

 Humidity = 64