

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

**SUBMITTED BY**

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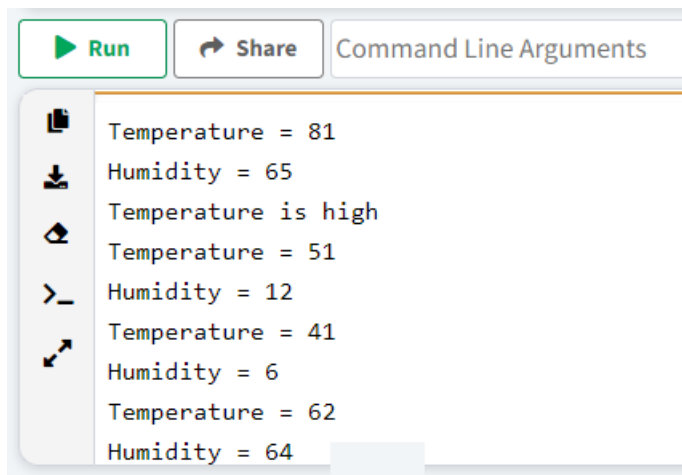
**BACHELOR OF ENGINEERING IN ELECTRONICS  
AND COMMUNICATION ENGINEERING**

**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