

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

**SUBMITTED BY**

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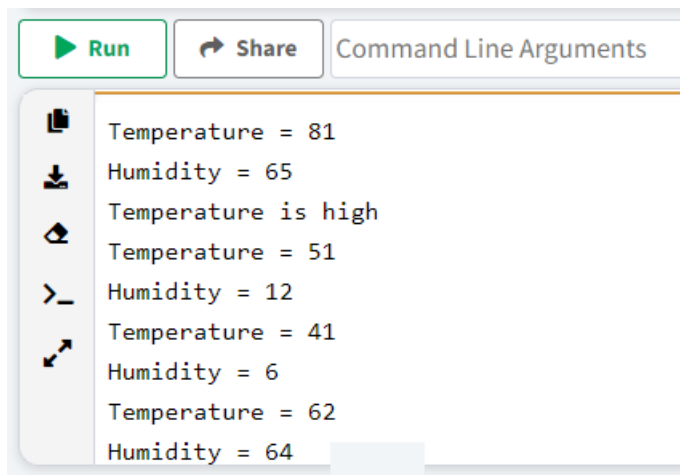
**BACHELOR OF ENGINEERING IN ELECTRONICS  
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**ASSIGNMENT-02**

**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:



The image shows a user interface for running code snippets. At the top, there is a 'Run' button with a green play icon, a 'Share' button with a share icon, and a text input field labeled 'Command Line Arguments'. Below this, a list of code snippets is displayed, each with a small icon on the left and the code text on the right. The snippets are as follows:

Icon	Code
📄	Temperature = 81
📄	Humidity = 65
📄	Temperature is high
📄	Temperature = 51
>_	Humidity = 12
↕	Temperature = 41
	Humidity = 6
	Temperature = 62
	Humidity = 64