

## Assignment - 2

**Student Name :** Arunkumar L

**Student Roll No :**

PNT2022TMIDI7635

**Maximum Marks :** 2 Marks

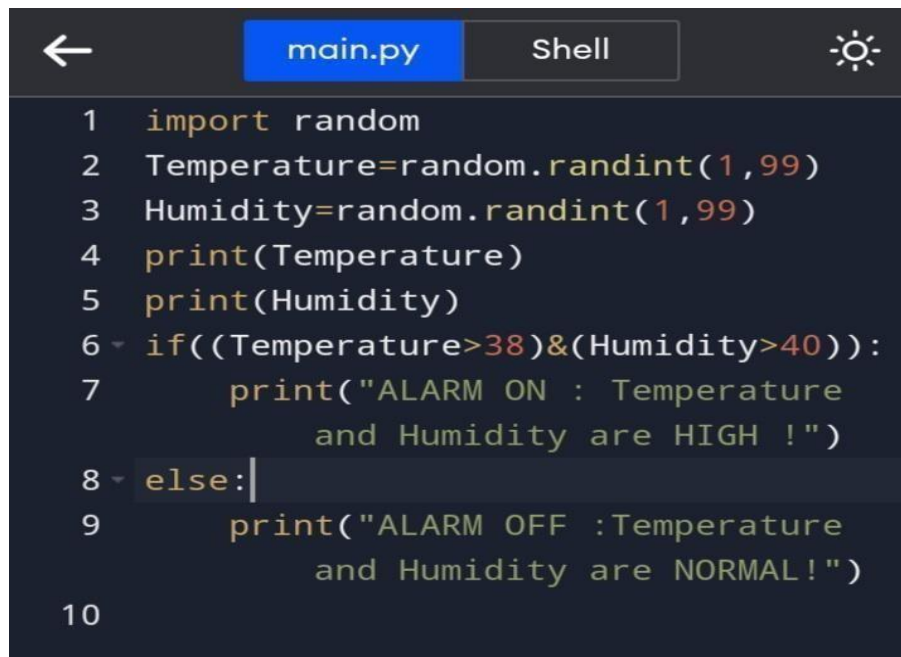
**Project Name :** IoT based safety gadget for child  
safety monitoring notification

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.

### **PYTHON CODE**

```
import random
Temperature=random.randint(1,99)
Humidity=random.randint(1,99)
print(Temperature)
print(Humidity)
if((Temperature>38)&(Humidity>40)):
    print("ALARM ON : Temperature and Humidity are HIGH !")else:
    print("ALARM OFF :Temperature and Humidity are NORMAL!")
```

## INPUT



```
1 import random
2 Temperature=random.randint(1,99)
3 Humidity=random.randint(1,99)
4 print(Temperature)
5 print(Humidity)
6 if((Temperature>38)&(Humidity>40)):
7     print("ALARM ON : Temperature
          and Humidity are HIGH !")
8 else:
9     print("ALARM OFF :Temperature
          and Humidity are NORMAL!")
10
```

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ALARM OFF : Teirpe and Hui i d i a ce

**TEAM LEADER:** Kaviya R

**TEAM MEMBERS:**

- Mano Bharathi T
- Gowtham K
- Arunkumar L

**TEAM ID : PNT2022TMIDI7635**

**TEAM SIZE : 4**