

Assignment 2

Student Name : GOWTHAM K

Student Roll No :

PNT2022TMIDI7635

Maximum Marks : 2 Marks

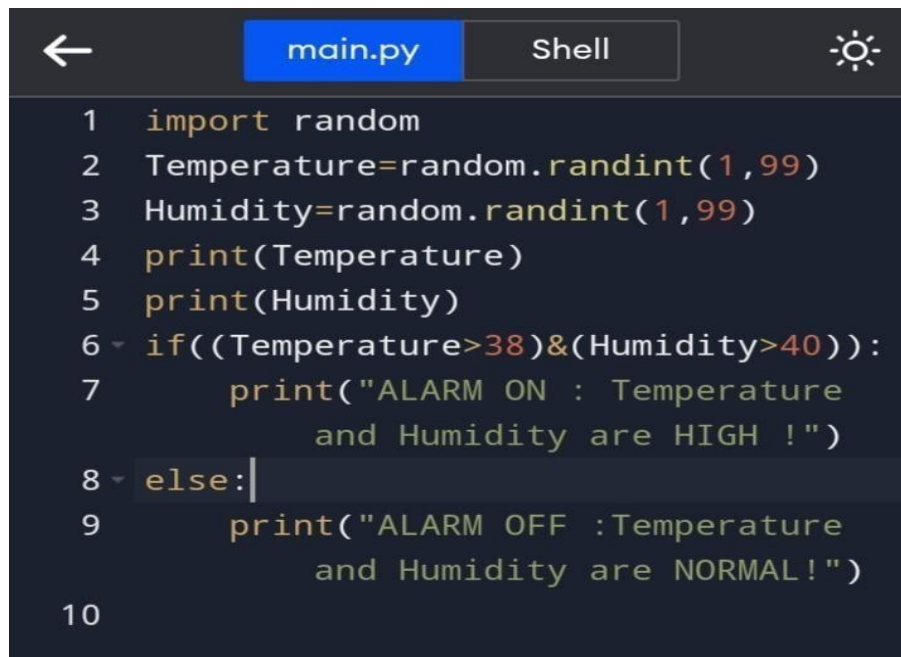
Project Name : IoT based safety gadget for child
safety monitoring notification

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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TEAM LEADER: Kaviya.R TEAM

MEMBERS:

- **GOWTHAM .K**

- **ARUN KUMAR.L**

- **MANOBHARATHI .T**

TEAM ID : PNT2022TMID17635

TEAM SIZE : 4