Assignment 2

Assignment Date : 19 September 2022

Student Name : Dharani B

Student Roll No : 622419104013

Maximum Marks : 2 Marks

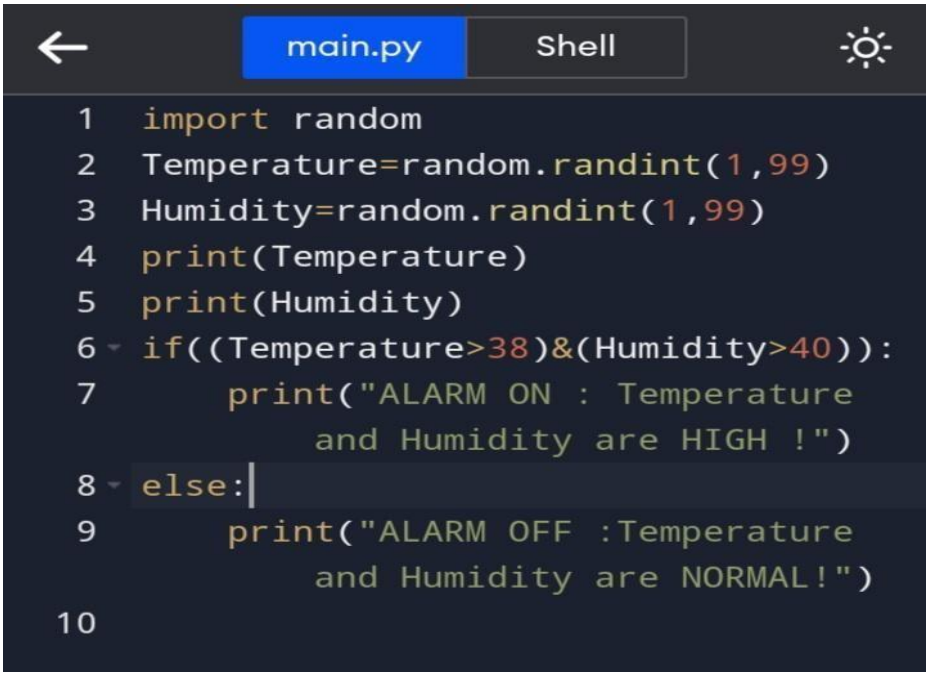
Project Name : IoT based safety gadget for child safety monitoring notification

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


main.py
Shell
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!")
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TEAM LEADER: Dharani B

TEAM MEMBERS:

- Amarnath L
- Harish Kumar U
- Kathiravan R

TEAM ID : PNT2022TMID41842

TEAM SIZE : 4