Assignment 2

Assignment Date : 19 September 2022

Student Name : Amarnath L

Student Roll No : 622419104004
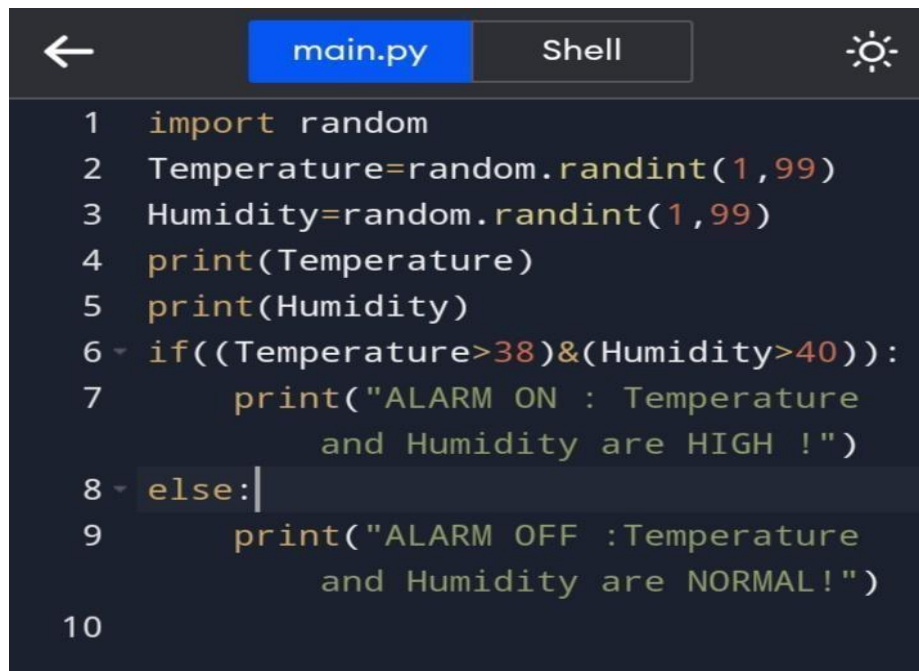
Maximum Marks : 2 Marks

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

```python
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

```python
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!")
```

mai n.py   Snell

mai   Shel

17

48
ALARM OFF   : Teirpe   and   Hui‹i i d î   a ce

TEAM LEADER: Dharani B

TEAM MEMBERS:

- Amarnath L

- Harish Kumar U

- Kathiravan R

TEAM ID : PNT2022TMID41842

TEAM SIZE : 4