Assignment 2

Date	22 September 2022
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Project Name	Personal Assistance for Seniors Who Are Self Reliant
Maximum Marks	2 Marks

Assignment Question:-

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.

Code:-

```python
import random

while(True):

temp=random.randint(10,99)

humid=random.randint(10,99)

print("Current Temperature:",temp)

print("Current Humidity:",humid,"%")

temp_ref=37

humid_ref=35

if temp>temp_ref and humid<humid_ref:

print("Sound Alarm")

else:

print("Sound off")

break
```

OUTPUT:

```python
# Online Python compiler (interpreter) to run Python online.
# Write Python 3 code in this online editor and run it.
import random
while(True):
 temp=random.randint(10,99)
 humid=random.randint(10,99)
 print("Current Temperature:",temp)
 print("Current Humidity:",humid,"%")
 temp_ref=37
 humid_ref=35
 if temp>temp_ref and humid<humid_ref:
  print("Sound Alarm")
 else:
  print("Sound off")
 break
```

```
Current Temperature: 26
Current Humidity: 96 %
Sound off
> |
```