ASSIGNMENT 2

Python Program
Python Program

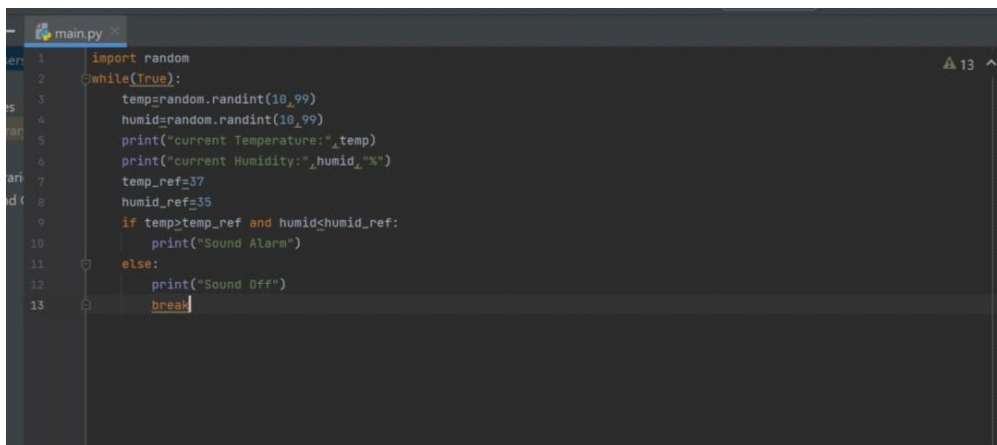| Assignment Date	18 May 2023
Student Name	Y.Nieeas arif
Student Roll Number	812020106024

Build Python code, Generate Temperature and Humidity values (Use Random function to generate values) and write a condition to detect an alarm in case of high temperature and high Humidity.

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

Result:

```
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
```