Assignment -2

Python Programming

Assignment Date	24 September 2022
Student Name	Ms. Shobana S
Student Roll Number	611219106066
Maximum Marks	2 Marks

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.

Solution:

```python
import random
print("welcome to me")
temp=int(random.randint(0,100))
humid=int(random.randint(0,100))
if(temp>=1)and(temp<=20):
    print(f"humidity level {humid}% cold breeze")
elif(temp>=21)and(temp<=29):
    print(f"humidity level {humid}%, room temperature")
elif(temp>=30)and(temp<=54):
    print(f"humidity level {humid}%, high temperature, switch on the AC ")
elif(temp>=-40)and(temp<=-1):
    print(f"humidity level {humid}%, freezing")
else:
    print("humidity level 0%, house is burning")
```

```
welcome to me
humidity level 0%, house is burning
>
```

```
welcome to me
humidity level 72% cold breeze
>
```

```
welcome to me
humidity level 18%, room temperature
>
```