ASSIGNMENT 2

*PYTHON CODE TO GENERATE TEMPERATURE AND HUMIDITY VALUES:

```
import random
import winsound
duration=1000
freq=440
temp=random.randint(0,100)
humid=random.randint(0,100)
if temp > 30:
    print("Cautious temperature detected",temp,"degree
celsius")
    winsound.Beep(freq,duration)
else:
    print("the tempertaure is",temp,"degree celsius")

if humid >60:
    print("cautious level humidity detected,the air is too
wet",humid,"% of air humidity")
    winsound.Beep(freq,duration)
elif humid <=30:
    print("cautious level humidity detected,the air is too
hot",humid,"% of air humidity")
    winsound.Beep(freq,duration)
else:
    print("humidity is normal",humid,"% of air humidity")
```

*PRESS F5 TO SEE THE OUTPUT:

OUTPUT:

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 18 2019,
23:46:00) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more
information.
>>>
========== RESTART:
C:\Users\ucea\Downloads\rose.py ==========
Cautious temperature detected 47 degree celsius
cautious level humidity detected,the air is too hot 14 % of
air humidity
>>>
```

```
========== RESTART:
C:\Users\ucea\Downloads\rose.py ==========
the tempertaure is 18 degree celsius
cautious level humidity detected,the air is too hot 0 % of
air humidity
>>>
```