Assignment -2

Python Programming

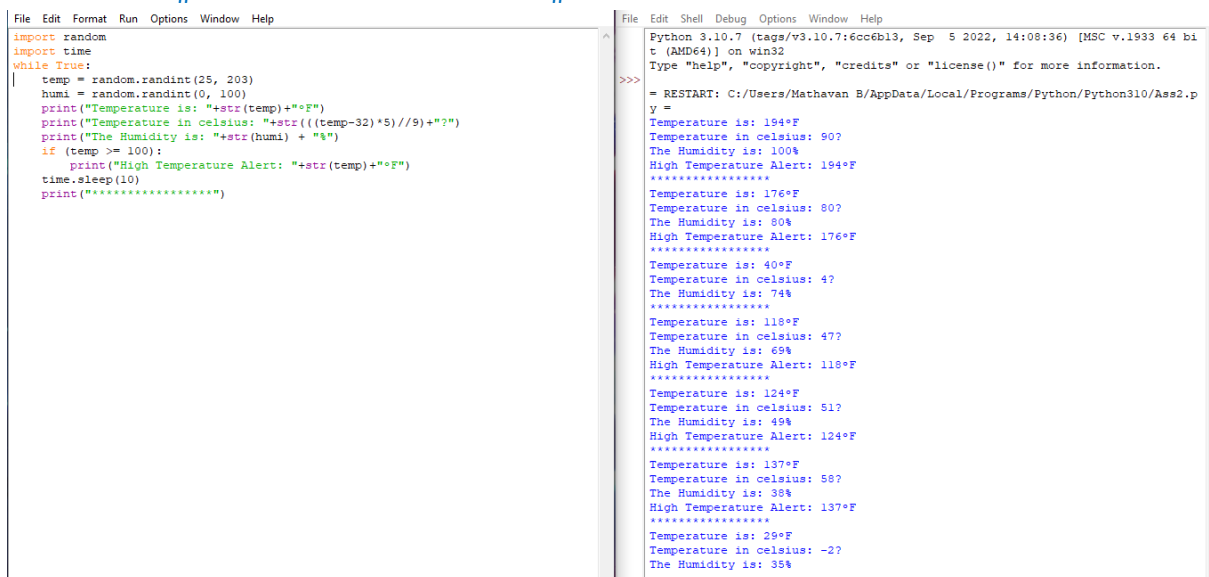| Assignment Date	26 September 2022
Student Name	Mr.B.Mathavan
Student Roll Number	621319106054
Maximum Marks	2 Marks

Question-1:

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
import time
while True:
    temp=random.randint(25,203)
    humi =random.randint(0, 100)
    print("Temperature is: "+str(temp)+"°F")
    print("Temperature in celsius: "+str(((temp-32)*5)//9)+"?")
    print("The Humidity is: "+str(humi) + "%")
    if (temp >= 100):
        print("High Temperature Alert: "+str(temp)+"°F")
    time.sleep(10)
    print("****************")
#------------------------------------#
#------------------------------------#
```