Assignment -2

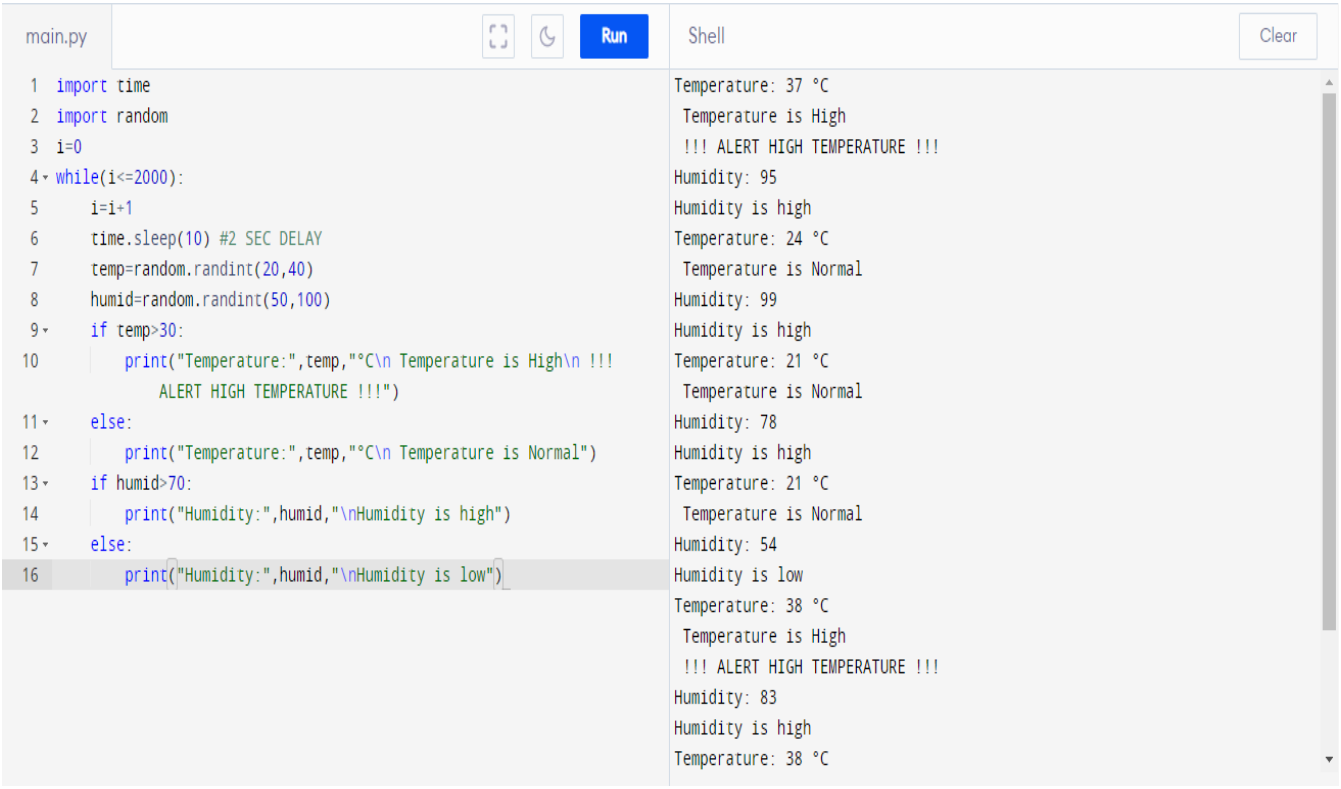
PYTHON CODE

Assignment Date	01 October 2022
Student Name	Mr. N.MANJUNATH
Student Roll Number	AC19UIT054
Maximum Marks	2 Marks

Question-1:

Buid 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 & OUTPUT:



CODE:

```
import time
import random
i=0
while(i<=2000):
    i=i+1
    time.sleep(10) #2 SEC DELAY
```

```
temp=random.randint(20,40)
humid=random.randint(50,100)
if temp>30:
   print("Temperature:",temp,"°C\n Temperature is High\n !!! ALERT HIGH TEMPERATURE !!!")
else:
   print("Temperature:",temp,"°C\n Temperature is Normal")
if humid>70:
   print("Humidity:",humid,"\nHumidity is high")
else:
   print("Humidity:",humid,"\nHumidity is low")
```