ASSIGNMENT - 2

Assignment Date	25 September 2022
Student Name	Ms.L.Rabiya
Student Roll Number	821919104020
Maximum Marks	2 Marks

Question – 1:

Build a python code, Assume you 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:

import random from

time import * while

(True):

   Temp = random.randint(0,1000)

Humid = random.randint(0,1000)

 if Temp>500 and Humid<550:

     print("Temperature=",Temp,"Humidity =",Humid)

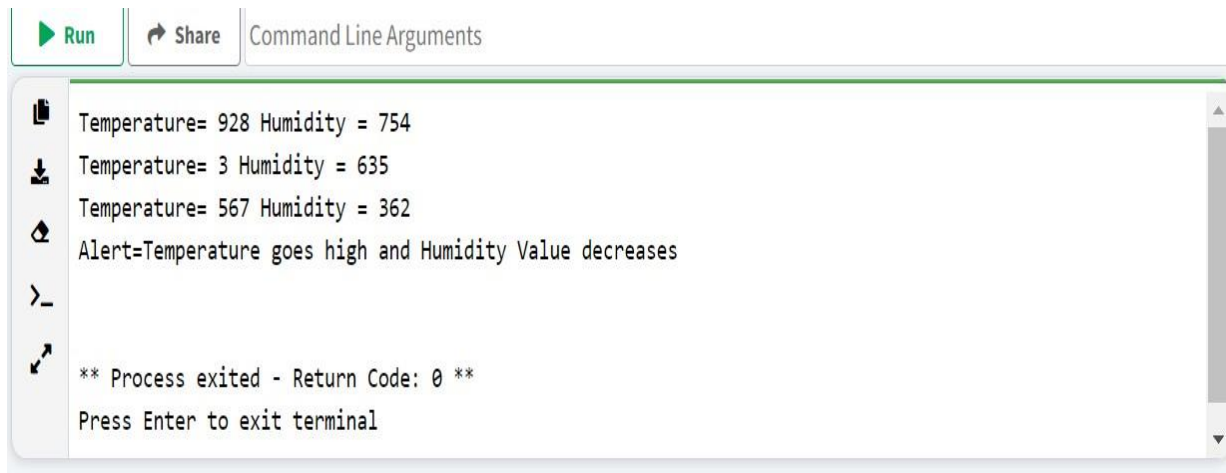print("Alert=Temperature goes high and Humidity Value decreases")

     break

else:

     print("Temperature=",Temp,"Humidity =",Humid)

     sleep(1);

Output:


```
Temperature= 928 Humidity = 754
Temperature= 3 Humidity = 635
Temperature= 567 Humidity = 362
Alert=Temperature goes high and Humidity Value decreases


** Process exited - Return Code: 0 **
Press Enter to exit terminal
```