**Assignment - 2**

Python Code

|  |  |
| --- | --- |
| Assignment Date | 25 September 2022 |
| Student Name | Mr. Premnath |
| Student Roll Number | 910819104008 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

**Solution:**

**Code:**

import random  
i=1  
while i<=6:  
  
 Humidity=random.randint(0,100)  
 Temperature=random.randint(32,212)  
 print("Humidity value is:",Humidity,"\nTemperature value is:",Temperature)  
  
 if (Temperature>65)and(Humidity<50): #if temperature value is high,humidity value is low then ON motor  
 print("Your plant Need water!,please switch ON Motor.")  
 else:  
 print("your plant has Enough water!")  
 i=i+1

**Output:**

