**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 19 September 2022 |
| Student Name | Parthasarathy E |
| Student Roll Number | 722819106059 |
| 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:** |  |
|  | import random  import time  while (1):  temp = random.randint(0, 100)  humidity = random.randint(0, 100)  if temp>60 and humidity>60:  print("ALERT!! Detected temperature: "+str(temp)+"°C"+" "+"Detected humidity: "+str(humidity))  elif temp > 60:  print("ALERT!! Detected temperature: " + str(temp) + "°C")  elif humidity > 60:  print("ALERT!! Detected humidity: "+str(humidity))  time.sleep(1) |
|  |  |

