**Assignment -1**

Python Programming

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| Assignment Date | 21 September 2022 |
| Student Name | Mr. Kathiravan A |
| Student Roll Number | 714019106043 |
| Maximum Marks | 2 Marks |

**Question-1:**

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

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| **Solution:** |
|  | import time #importing the time lib  import random #importing the random lib  i=0 #initiating with 0  while (i<5): #iterating only for 5 times  i=i+1  time.sleep(1) #1sec  temp=random.randint(0,80)  humid=random.randint(1,100)  if temp<=15:  print(temp,"the temperature is low")  elif temp<=25:  print(temp,"the temperature is ok & normal")  else:  print(temp,"the temperature is absolutely high")  if humid<=50:  print(humid,"the humidity is low")  elif humid<=80:  print(humid,"the humidity is ok & normal")  else:  print(humid,"the humidity is definitely high") |
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