**Assignment -2**

Python Programming

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| Assignment Date | 21 September 2022 |
| Student Name | K DHAYANATHI |
| Student Roll Number | 820419106014 |
| 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.

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| **Solution:** |
| import random  def temperature():  value=random.randint(25,100)  #print(value)  return value  t=temperature()  def humidity():  range=random.randint(40,100)  #print(range)  return range  h=humidity()  #for temperature  if t>30:  print("High temperature detetcted")  elif t==30:  print("Temperature reached maximum threshold of 30 degrees celsius")  else:  print("Temperature is good")    #for Humidity  if h>65 :  print("High humidity detetcted")  elif t == 65:  print("Humidity reached maximum threshold of 65 percent")  else:  print("Humidity is good") |
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