ASSIGNMENT - II

**DOMAIN: IOT**

**TOPIC:** BUILD A PYTHON CODE, ASSUME YOU GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE.

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**Use of Random Function**

Python **Random module** is an in-built module of Python which is used to generate random numbers. These are pseudo-random numbers means these are not truly random. This module is used to perform random actions such as generating random numbers, print random a value for a list or string, etc. Here, random is used to pick a random number in the given range.

**CODE:**

import random

while(True):

a=random.randint(10,89)

b=random.randint(10,89)

if (a>20 and b>60):

print("high temperature and humidity of: ",a,b,"%","alarm is on")

elif (a<35 and b<60):

print("Normal temperature and humidity of: ",a,b,"%", "alarm is off")

break

**OUTPUT:**

