**ASSIGNMENT – 02**

**PYTHON IDE PROGRAMMING**

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| ASSIGNMENT NUMBER | 02 |
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**BUILD A PYTHON CODE, ASSUME U GET THE TEMPERATURE AND HUMIDITY VALUES (GENERATED WITH RANDOM FUNCTION TO A VARIABLE) AND WRITE THE CONDITION CONTINUOSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE.**

**PROGRAM**

**from random import randint**

**from time import sleep**

**while(True):**

**temp = randint(-50,50)**

**print("Temperature : "+str(temp))**

**humidity = randint(0,100)**

**print("Humidity : "+str(humidity)+"\n")**

**if(temp > 10 and temp < 30):**

**print("Ideal Temperature")**

**else:**

**print("Not Ideal Temperature")**

**if(humidity > 25 and humidity < 75):**

**print("Ideal Humidity")**

**else:**

**print("Not Ideal Humidity")**

**print("\n")**

**sleep(1)**