**ASSIGNMENT 2**

**NAME : LAXMI NARAYANAN M (TEAM LEAD)**

**PROJECT NAME : IOT ENABLED SMART FARMING APLLICATION**

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**QUESTION**

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

**CODE**

**import random**

**while(True):**

**vari\_1=random.randint(10,150)**

**vari\_2=random.randint(10,150)**

**if(vari\_1>40 and vari\_2>80):**

**print("Detect High Temperature&Humidity of:",vari\_1,vari\_2,"%","Alarm ON")**

**elif(vari\_1<30 and vari\_2<80):**

**print("Detect High Temperature&Humidity of:",vari\_1,vari\_2,"%","Alarm OFF")**

**break;**

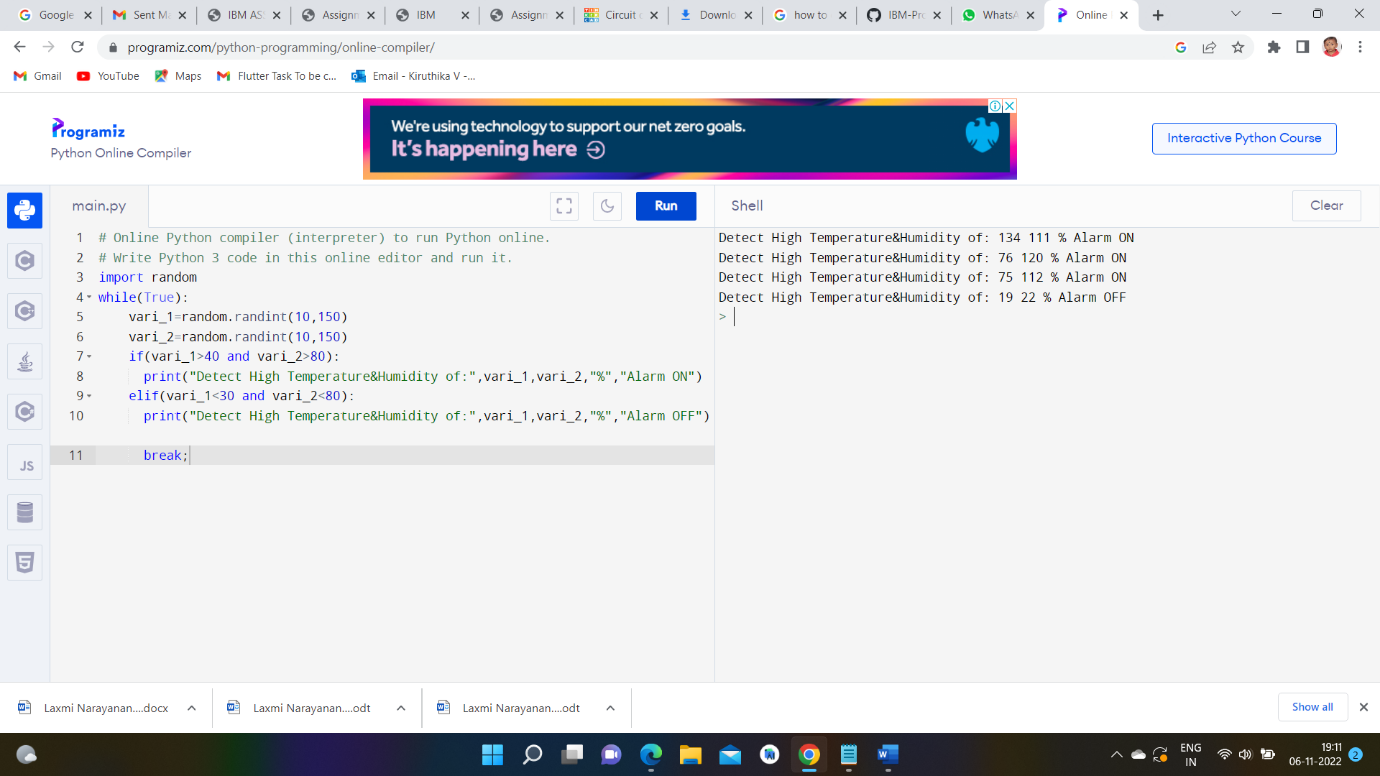
**OUTPUT**

Detect High Temperature & Humidity of : 134 111 % Alarm ON

Detect High Temperature & Humidity of : 76 120 % Alarm ON

Detect High Temperature & Humidity of : 75 112 % Alarm ON

Detect High Temperature & Humidity of : 19 22 % Alarm OFF

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