

## ASSIGNMENT 2

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Project Name	IoT Enabled Smart Farming Application
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### QUESTION

Build a python code, Assume u 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.

### 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):

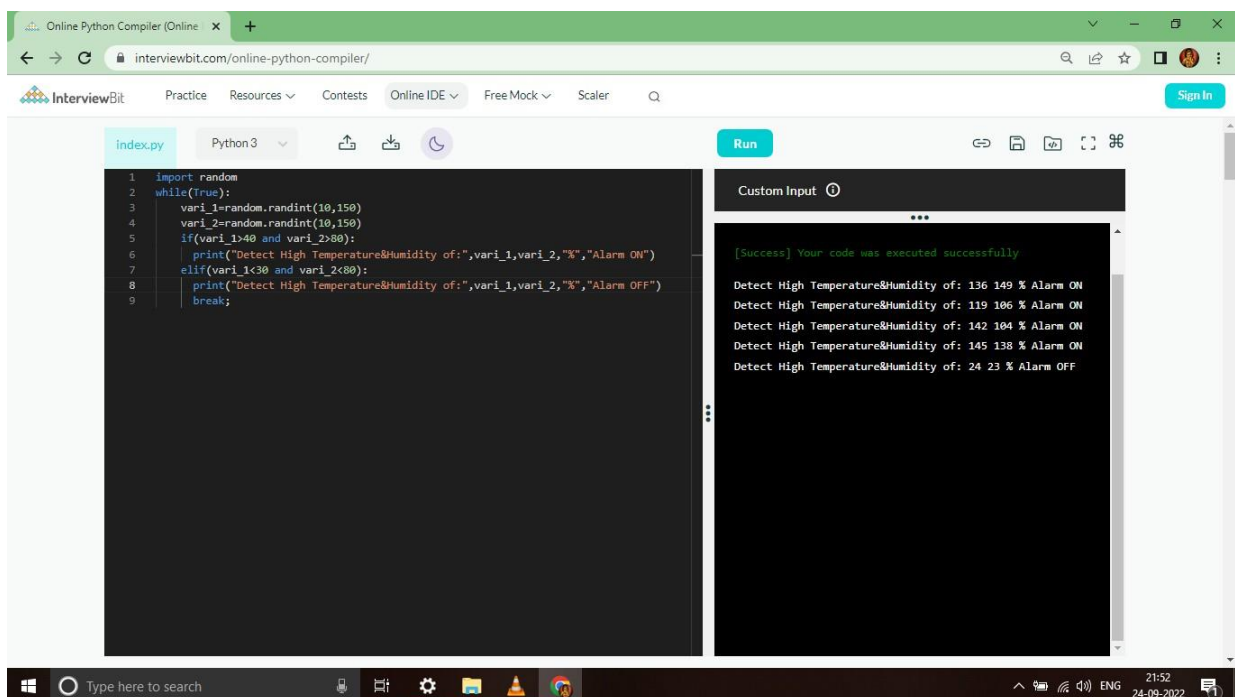
        print("Detect High Temperature&Humidity of:",vari_1,vari_2,"%","Alarm ON")

    elif(vari_1<30 and vari_2<80):

        print("Detect High Temperature&Humidity of:",vari_1,vari_2,"%","Alarm OFF")

    break;
```

### OUTPUT

The screenshot shows a web browser window with the URL 'interviewbit.com/online-python-compiler/'. The page has a navigation bar with 'InterviewBit', 'Practice', 'Resources', 'Contests', 'Online IDE', 'Free Mock', and 'Scaler'. A 'Sign In' button is in the top right. The main area is a code editor with a dark theme. The code is in a file named 'index.py' and is Python 3. The code is the same as shown in the 'CODE' section. To the right of the code editor is a 'Run' button and a 'Custom Input' field. Below the 'Run' button is a terminal window showing the output of the code. The output is: '[Success] Your code was executed successfully' followed by five lines of output: 'Detect High Temperature&Humidity of: 136 149 % Alarm ON', 'Detect High Temperature&Humidity of: 119 106 % Alarm ON', 'Detect High Temperature&Humidity of: 142 104 % Alarm ON', 'Detect High Temperature&Humidity of: 145 138 % Alarm ON', and 'Detect High Temperature&Humidity of: 24 23 % Alarm OFF'. The browser's taskbar is visible at the bottom, showing the Windows logo, a search bar, and system icons for network, volume, and date/time (21:52, 24-09-2022).