

## Assignment -2

### Smart Farmer - IoT Enabled Smart Farming Application

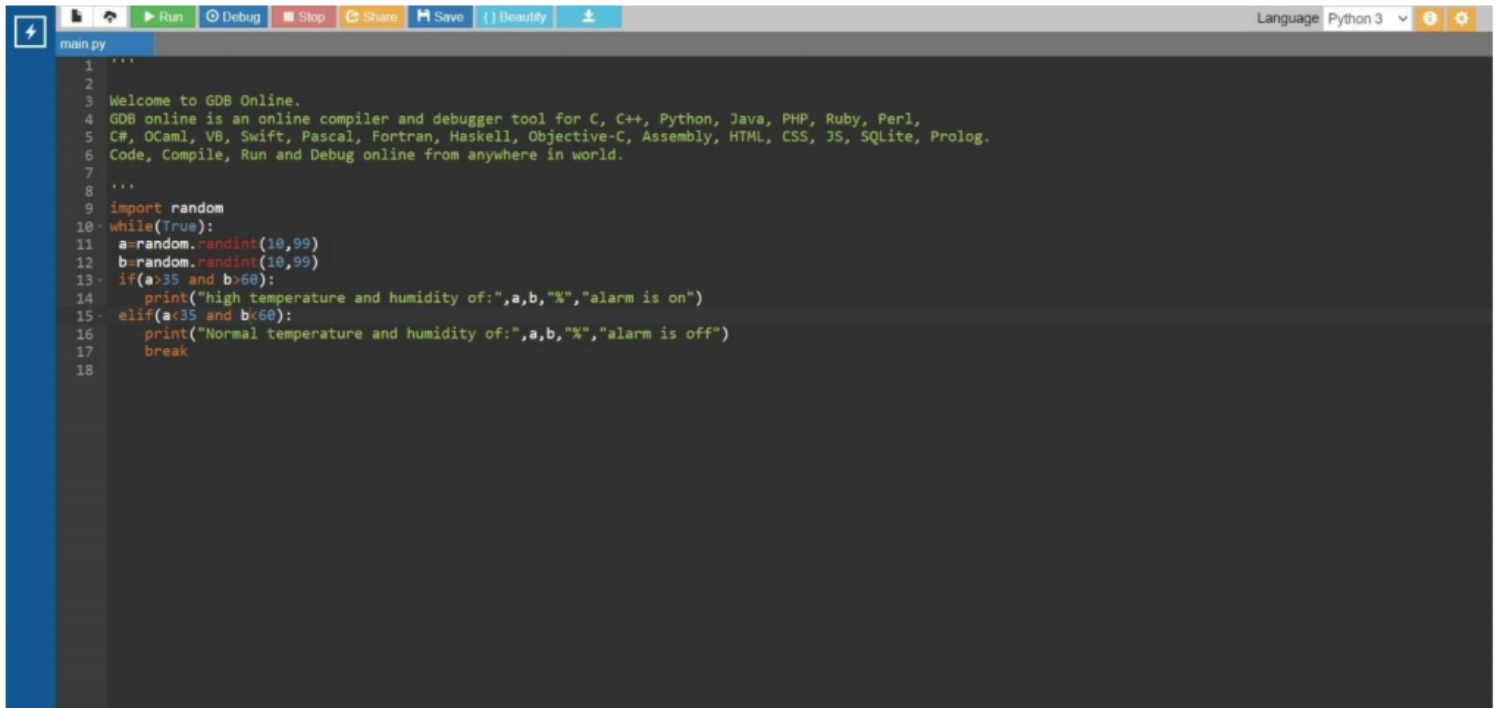
Assignment date	13 November 2022
Student Name	Madhumitha M
Student Roll Number	723619106501
Maximum Marks	2 Marks

#### Assignment 2:

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.

#### Program ;

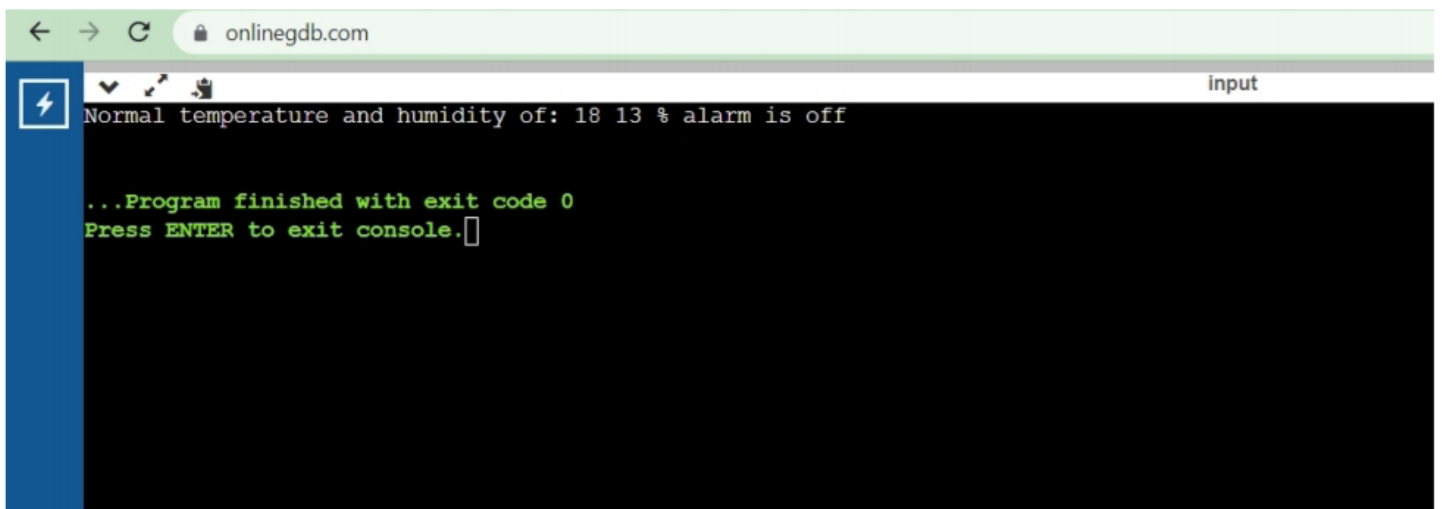
```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<60):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
    break
```



The screenshot shows a code editor interface with a toolbar at the top containing icons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Python 3. The code in the editor is as follows:

```
1 '''
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 '''
9 import random
10 while(True):
11     a=random.randint(10,99)
12     b=random.randint(10,99)
13     if(a>35 and b>60):
14         print("high temperature and humidity of:",a,b,"%","alarm is on")
15     elif(a<35 and b<60):
16         print("Normal temperature and humidity of:",a,b,"%","alarm is off")
17         break
18
```

OUTPUT:



The screenshot shows a web browser window with the address bar displaying "onlinegdb.com". The page has a dark theme. The output of the program is displayed in a console-like area:

```
Normal temperature and humidity of: 18 13 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.
```