

Assignment -2
Python Programming

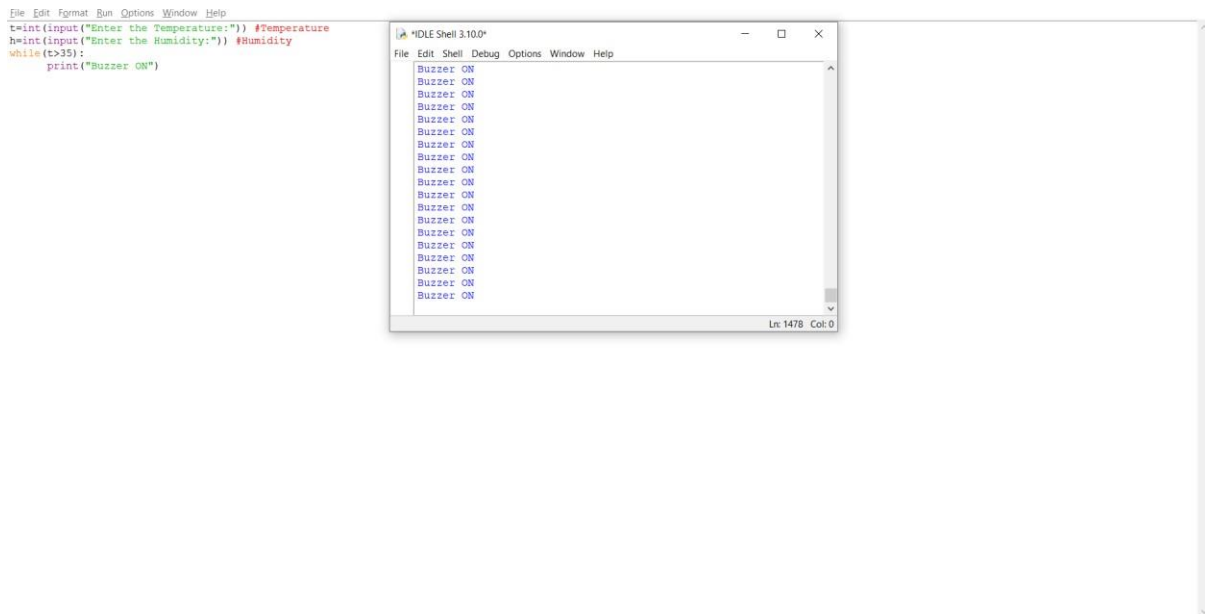
Assignment Date	26 September 2022
Student Name	Ms. KEERTHANA B
Student Roll Number	621319106041
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume you 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:

```
t=int(input("Enter the Temperature:")) #Temperature
h=int(input("Enter the Humidity:")) #Humidity
while(t>35):
    print("Buzzer ON")
```

The image shows a screenshot of a Python IDE. On the left, the code editor contains the following code:

```
File Edit Format Run Options Window Help
t=int(input("Enter the Temperature:")) #Temperature
h=int(input("Enter the Humidity:")) #Humidity
while (t>35):
    print("Buzzer ON")
```

On the right, the IDLE Shell window is open, displaying the output of the program. It shows the text "Buzzer ON" repeated 15 times, indicating that the condition `t > 35` was met multiple times during execution. The shell window also shows the standard menu bar (File, Edit, Shell, Debug, Options, Window, Help) and a status bar at the bottom indicating "Ln: 1478 Col: 0".