

Assignment -2
Python Programming

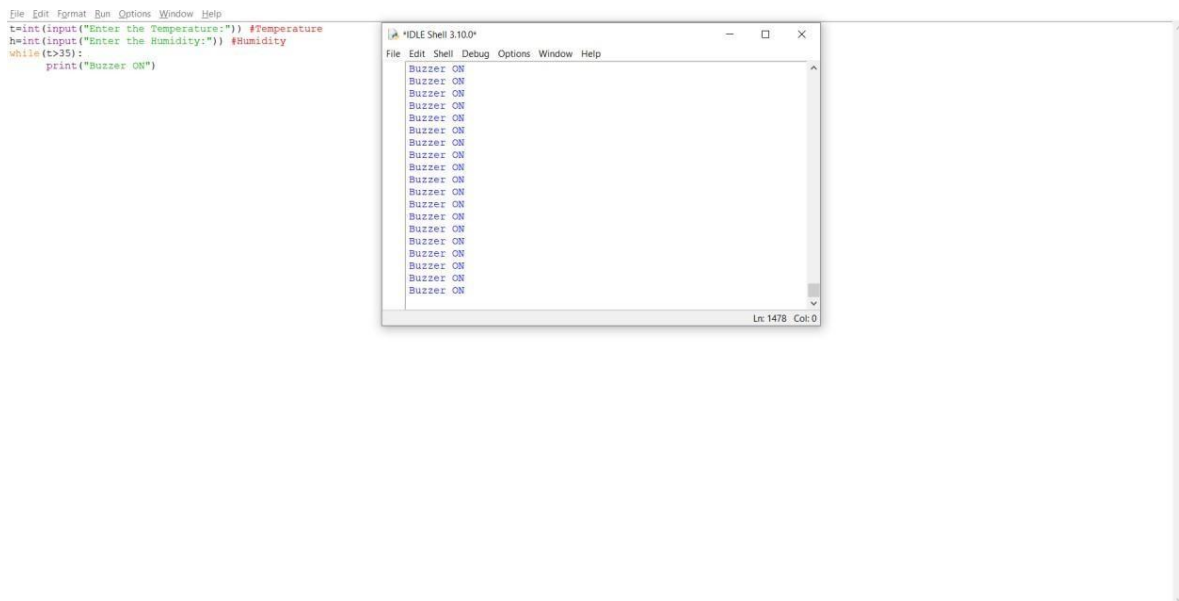
Assignment Date	26 September 2022
Student Name	THANGAPRAKASAM
Student Roll Number	312319106307
Maximum Marks	2 Marks

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, specifically IDLE Shell 3.10.0. On the left, the code editor displays the following Python 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 Shell window shows the output of the program. It displays "Buzzer ON" repeated 14 times, indicating that the condition $t > 35$ was met multiple times during execution. The status bar at the bottom right of the Shell window shows "Ln: 1478 Col: 0".