

**Assignment -1**  
Python Programming

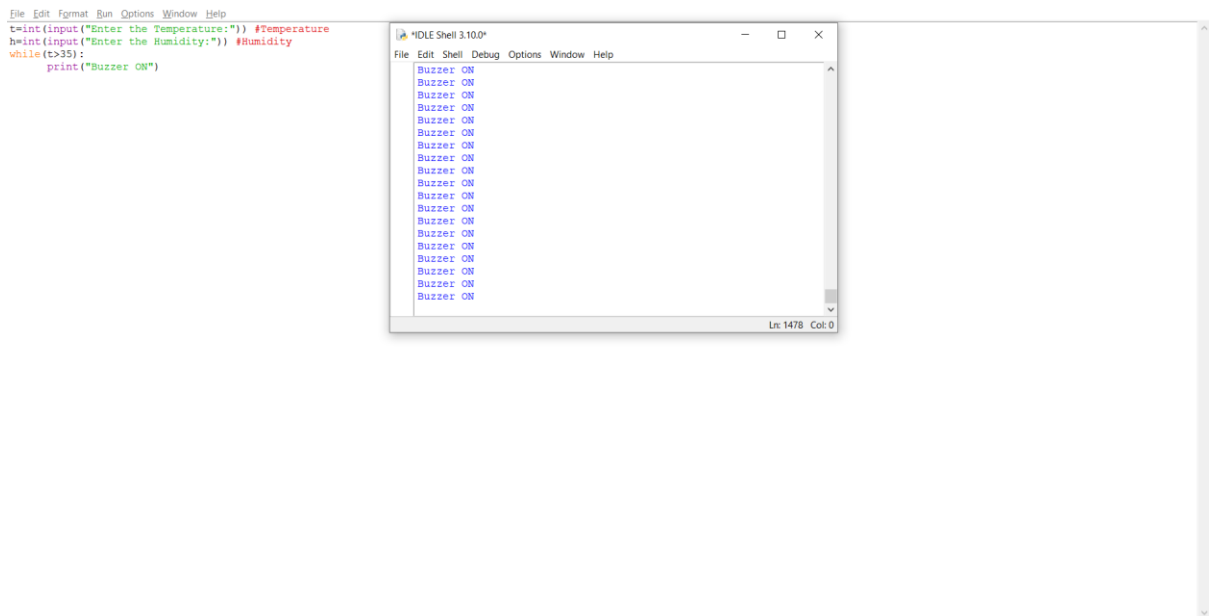
Assignment Date	26 September 2022
Student Name	Ms. Keerthana B
Student Roll Number	621319106041
Maximum Marks	2 Marks

**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 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 'IDLE Shell 3.10.0\*' window displays the output of the program. It shows the text 'Buzzer ON' printed repeatedly, indicating that the condition `t > 35` is being met. The shell window has a menu bar with 'File', 'Edit', 'Shell', 'Debug', 'Options', 'Window', and 'Help'. The status bar at the bottom right of the shell window shows 'Ln: 1478 Col: 0'.