

Assignment -2
Python Programming

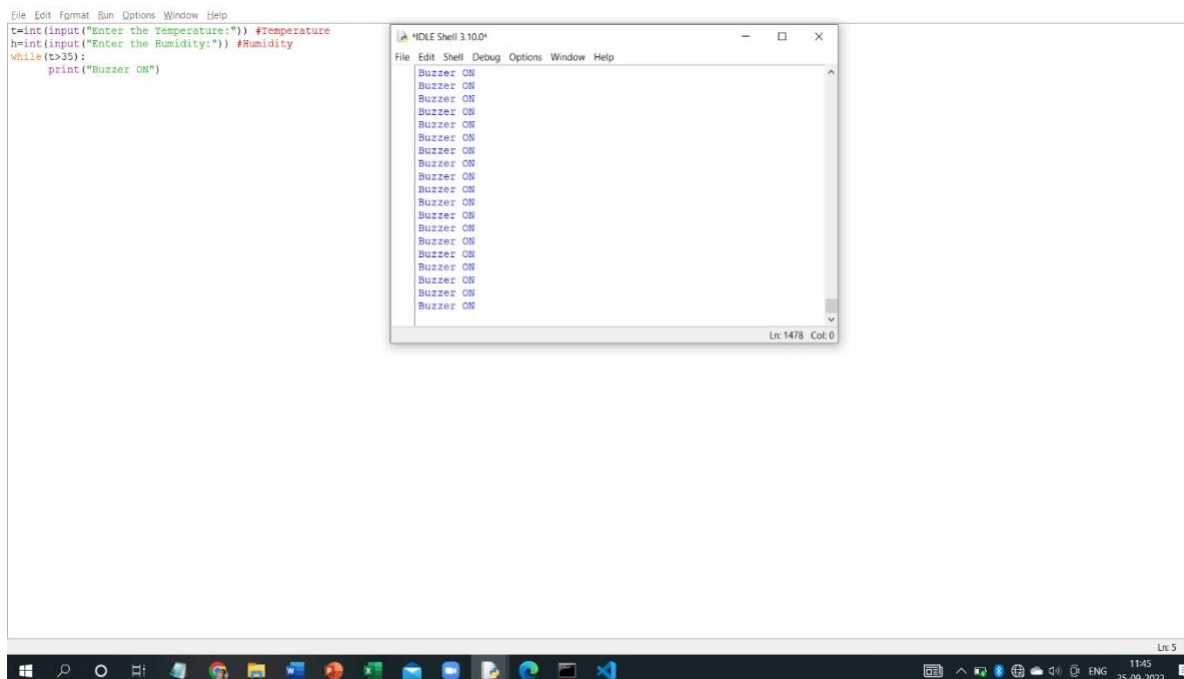
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|---------------------|-------------------|
| Assignment Date | 26 September 2022 |
| Student Name | M. Vaishnavi |
| Student Roll Number | 411719106058 |
| Maximum Marks | 2 Marks |

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 screenshot displays a Python IDE with two windows. The main editor window on the left 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")
```

The output window on the right, titled "IDLE Shell 3.10.0*", shows the result of the program's execution. It displays the text "Buzzer ON" repeated 15 times, indicating that the condition $t > 35$ was met multiple times during the run. The status bar at the bottom of the output window shows "Ln: 1478 Col: 0". The Windows taskbar at the bottom of the screen shows the date as 25-09-2022 and the time as 11:45.

