

## Assignment -2

### Python Programming

Assignment Date	26 September 2022
Student Name	Ms. DEVADHARSHINI B
Student Roll Number	621319106011
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 Python script in a text editor and its execution in an IDLE Shell. The script is as follows:

```
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("Buzzzer ON")
```

The IDLE Shell window shows the output of the script, which is "Buzzzer ON" repeated 15 times. The shell window title is "IDLE Shell 3.10.0\*". The status bar at the bottom of the shell window shows "Ln: 1478 Col: 0".

