

## Assignment -2

### Python Programming

Assignment Date	26 September 2022
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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 the 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("Buzzer ON")
```

The IDLE Shell window shows the output of the script, which is "Buzzer ON" repeated 15 times, indicating that the temperature condition was met 15 times during the execution.

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