

## Assignment -2

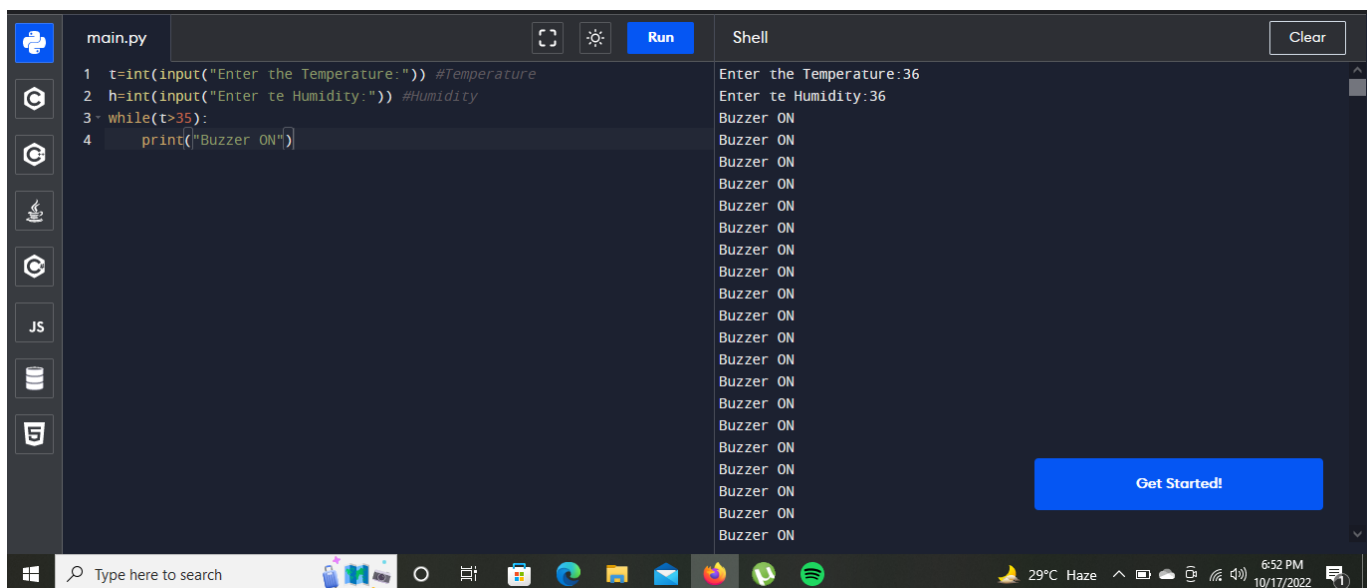
### Python Programming

#### 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 te Humidity:")) #Humidity while(t>35):
    print("Buzzer ON")
```



The screenshot shows a Python IDE with a file named 'main.py'. The code in the editor is as follows:

```
1 t=int(input("Enter the Temperature:")) #Temperature
2 h=int(input("Enter te Humidity:")) #Humidity
3 while(t>35):
4     print("Buzzer ON")
```

The 'Shell' window on the right shows the output of the program. It displays the user input for temperature and humidity, followed by a continuous stream of 'Buzzer ON' messages, indicating that the temperature condition (t > 35) is being met. A 'Get Started!' button is visible in the bottom right corner of the IDE window.