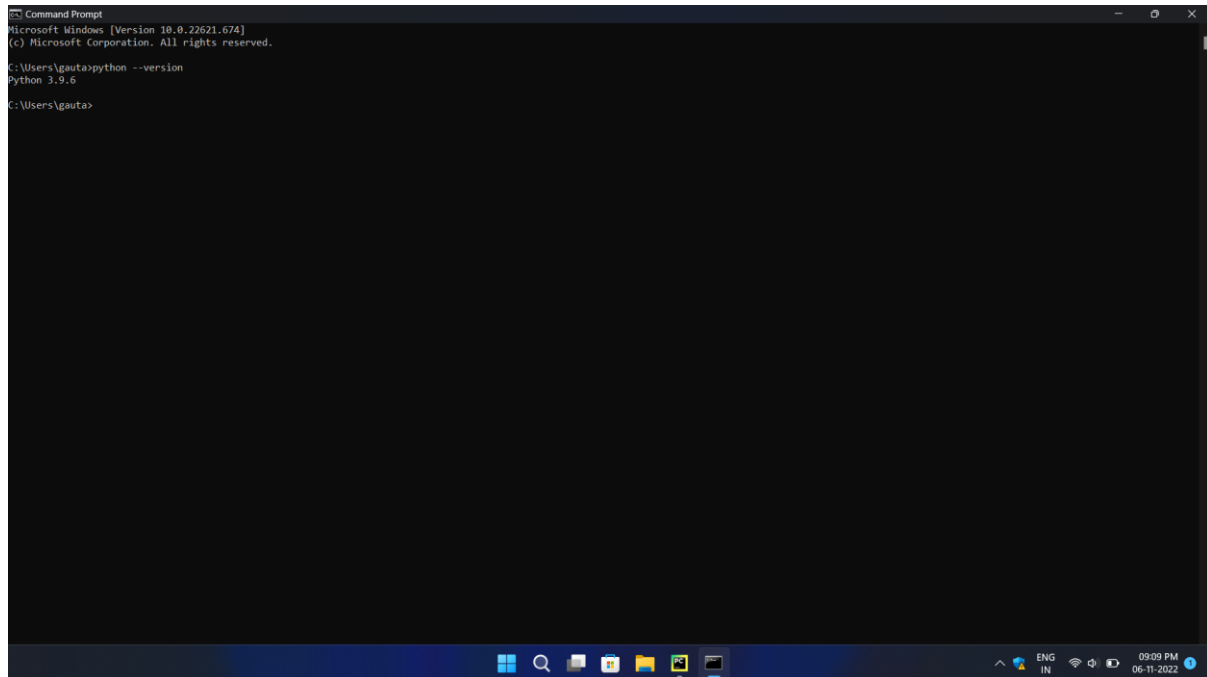


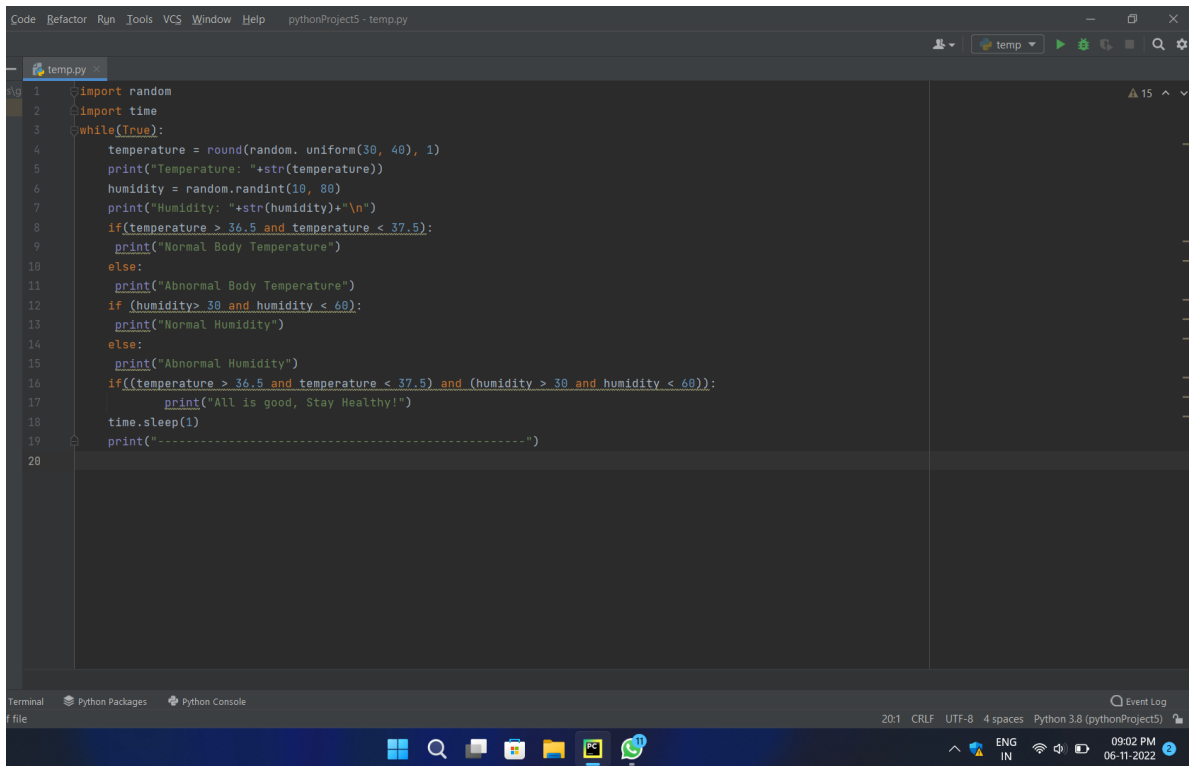
**Prerequisites**  
**Software ( Python 3.6.5 )**

Date	07 September 2022
Team ID	PNT2022TMID38841
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

**Signs with smart connectivity for Better road safety**

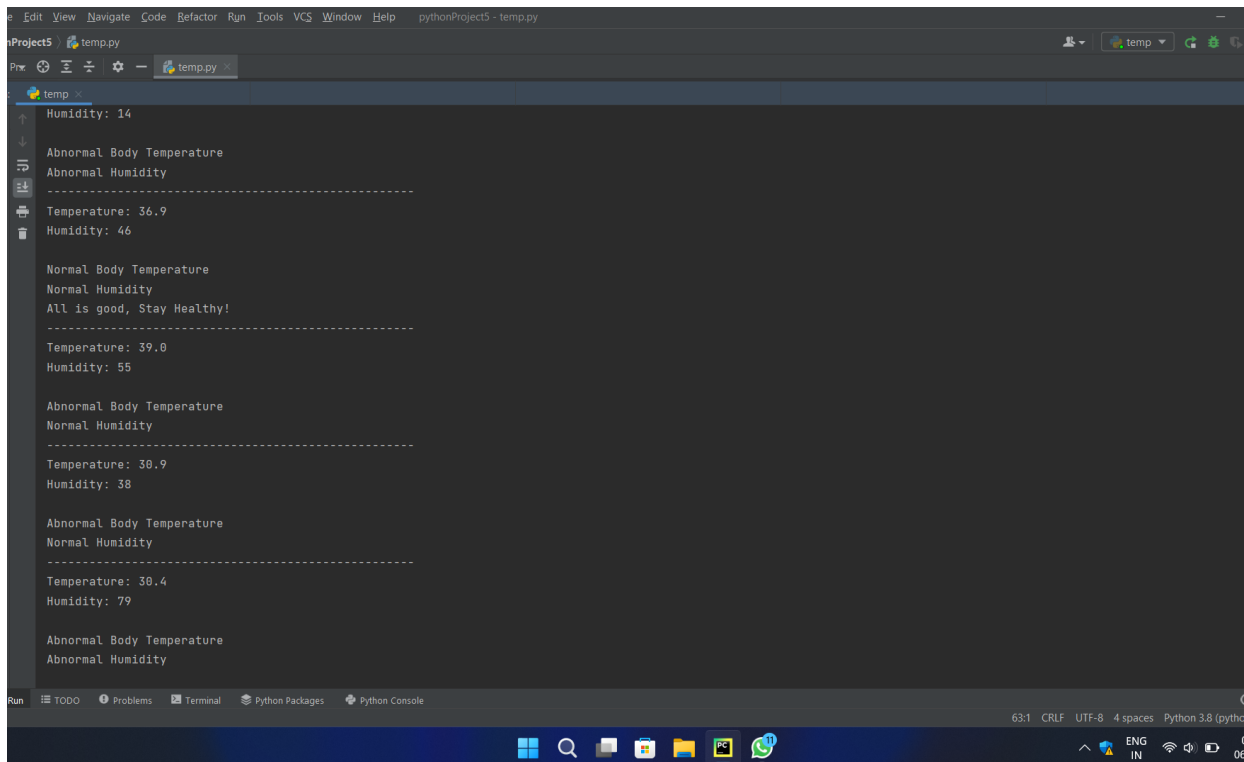


## Program & Output in Python IDLE 3.6.5 - 64bit



The screenshot shows the Python IDLE 3.6.5 interface with a file named `temp.py` open. The code is a Python script that generates random temperature and humidity values and checks them against specific thresholds. The code is as follows:

```
1 import random
2 import time
3 while(True):
4     temperature = round(random.uniform(30, 40), 1)
5     print("Temperature: "+str(temperature))
6     humidity = random.randint(10, 80)
7     print("Humidity: "+str(humidity)+"\n")
8     if(temperature > 36.5 and temperature < 37.5):
9         print("Normal Body Temperature")
10    else:
11        print("Abnormal Body Temperature")
12    if (humidity> 30 and humidity < 60):
13        print("Normal Humidity")
14    else:
15        print("Abnormal Humidity")
16    if((temperature > 36.5 and temperature < 37.5) and (humidity > 30 and humidity < 60)):
17        print("All is good, Stay Healthy!")
18    time.sleep(1)
19    print("-----")
20
```



The screenshot shows the output of the `temp.py` script running in Python IDLE 3.6.5. The output is displayed in the Python Shell window, showing the results of the random number generation and the conditional checks. The output is as follows:

```
Humidity: 14
Abnormal Body Temperature
Abnormal Humidity
-----
Temperature: 36.9
Humidity: 46

Normal Body Temperature
Normal Humidity
All is good, Stay Healthy!
-----
Temperature: 39.8
Humidity: 55

Abnormal Body Temperature
Normal Humidity
-----
Temperature: 30.9
Humidity: 38

Abnormal Body Temperature
Normal Humidity
-----
Temperature: 30.4
Humidity: 79

Abnormal Body Temperature
Abnormal Humidity
```

