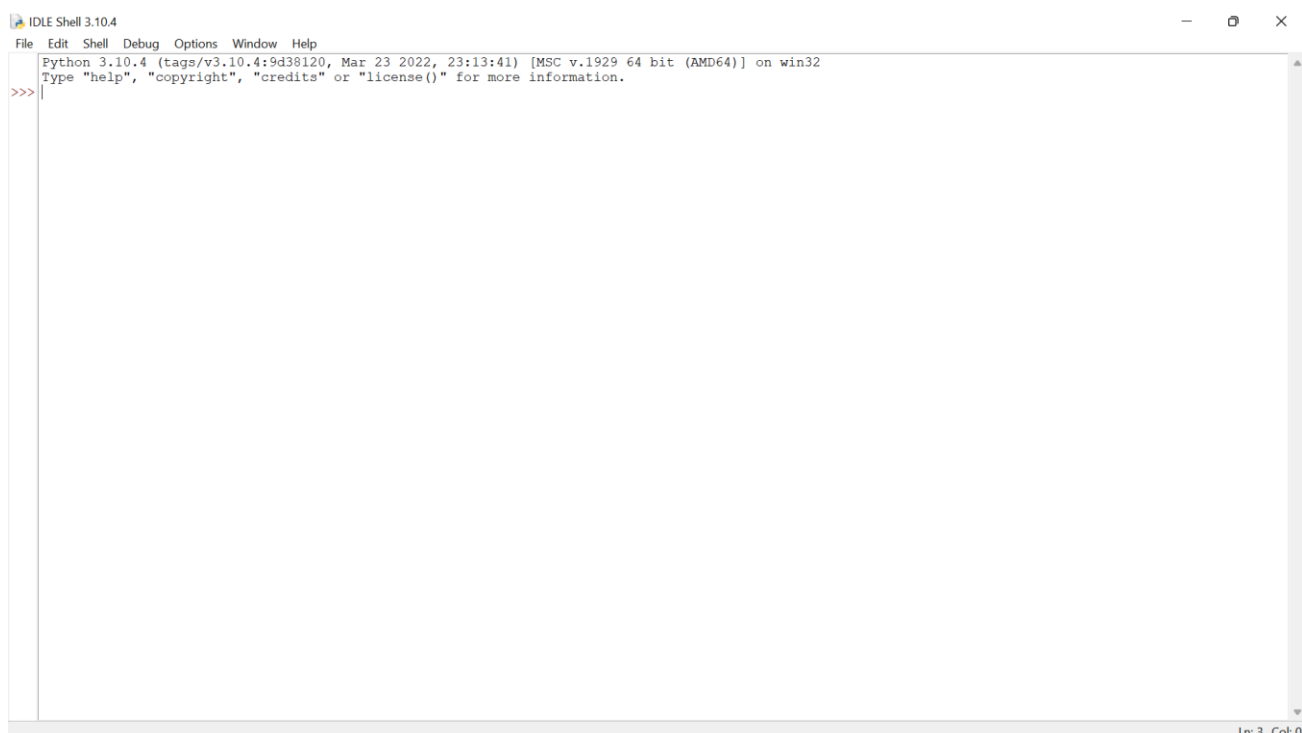
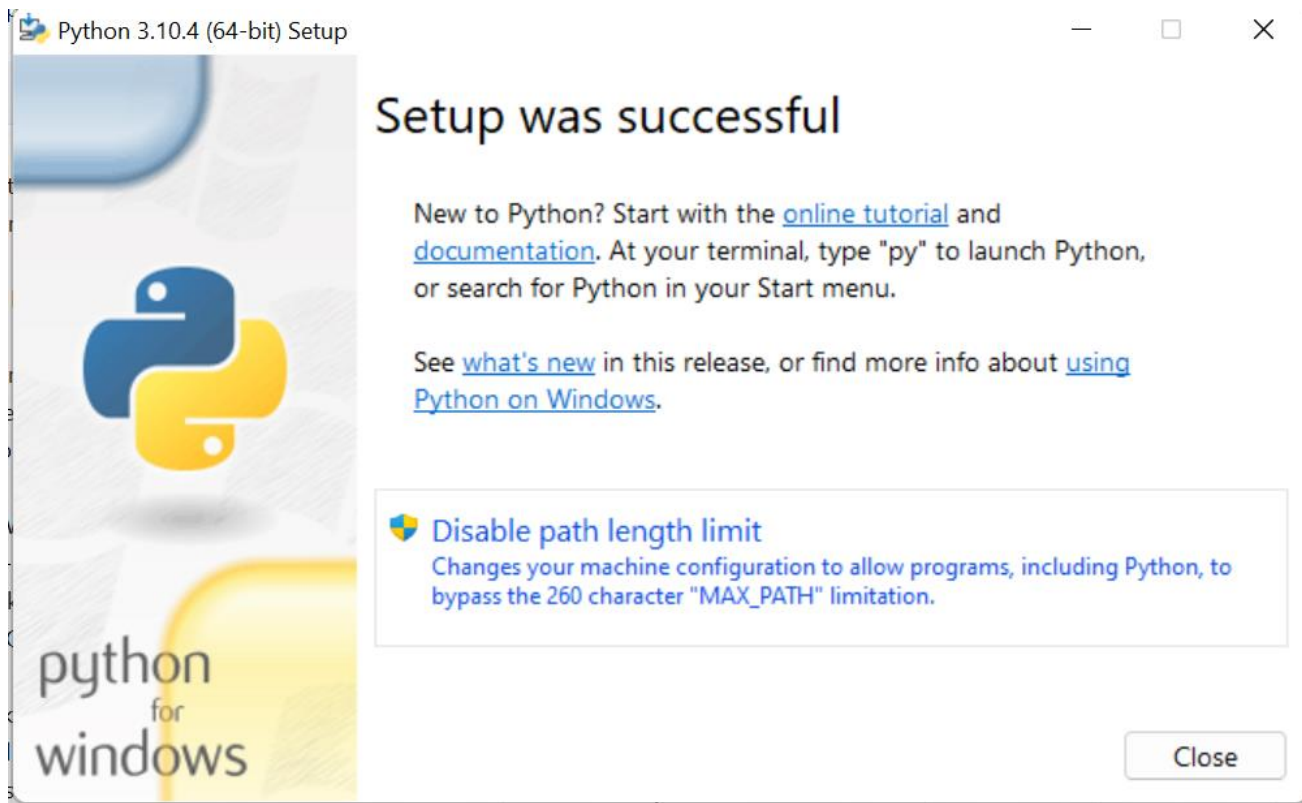


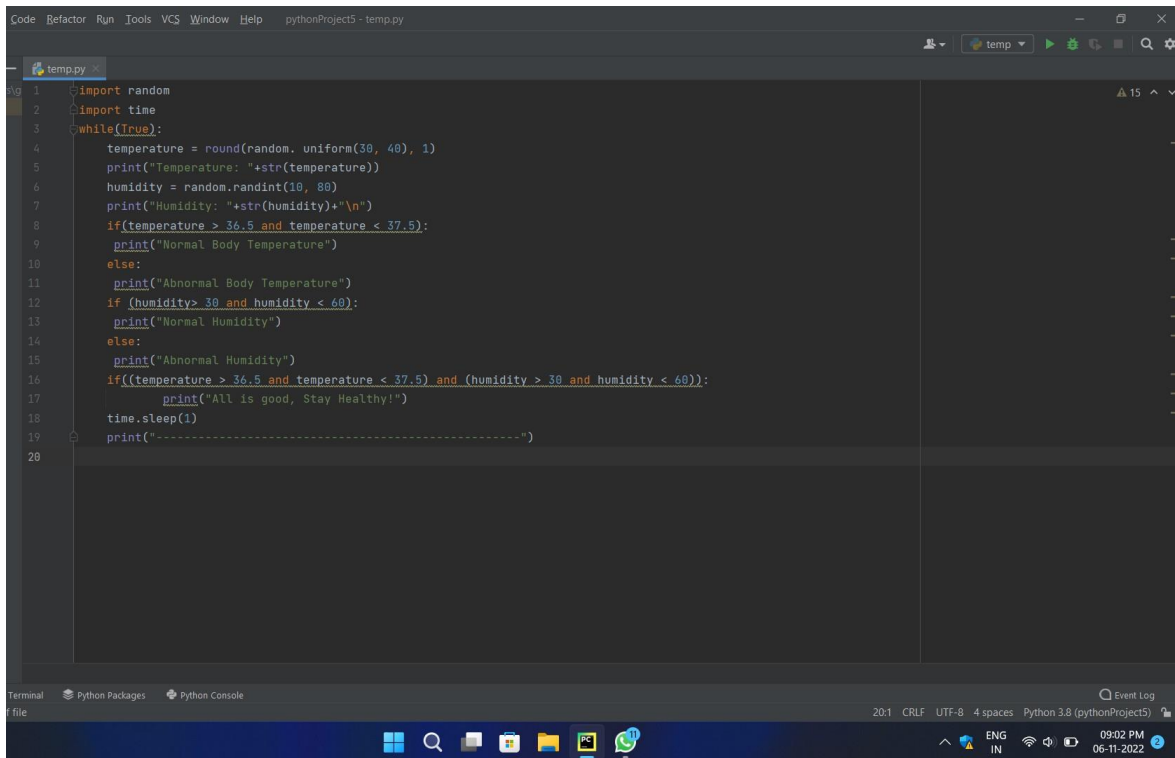
Prerequisites
Software (Python 3.10.4)

Date	09 November 2022
Team ID	PNT2022TMID11067
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety

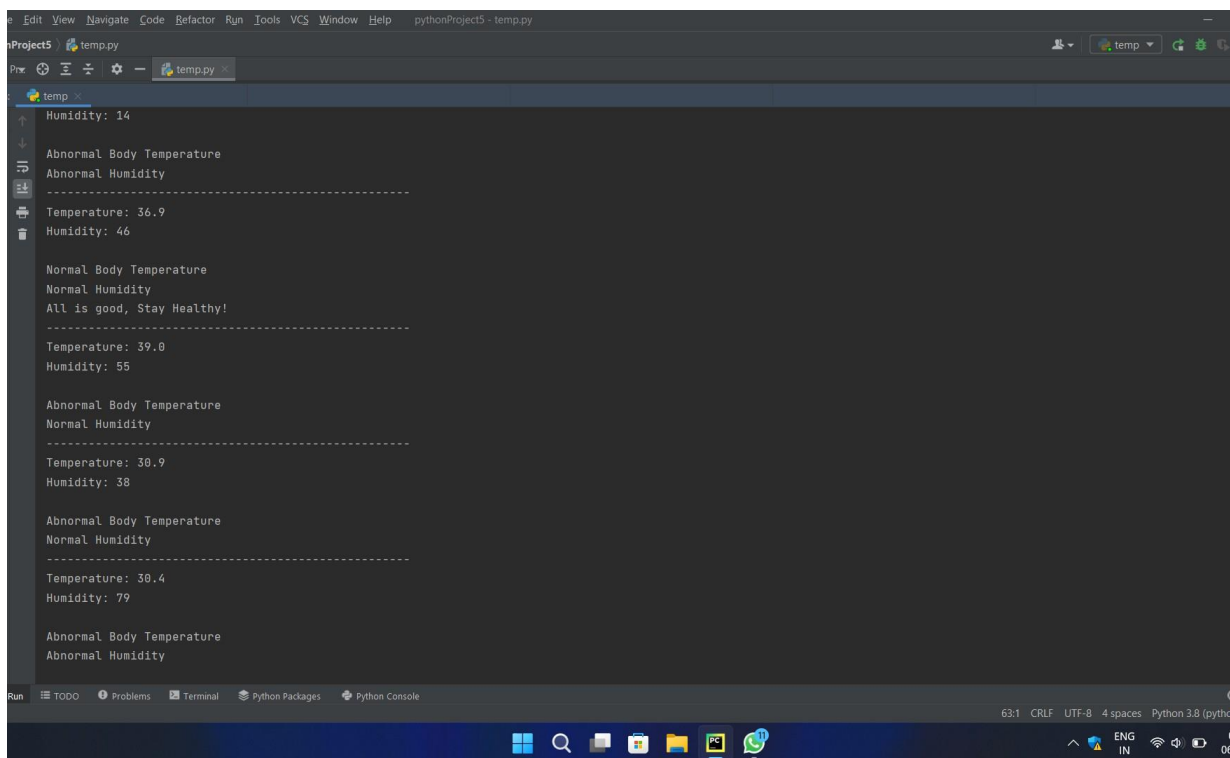


Program & Output in Python IDLE 3.10.4 - 64bit



The screenshot shows the Python IDLE 3.10.4 interface with the file 'temp.py' open. 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 Python IDLE 3.10.4 interface with the file 'temp.py' open. The output of the program is displayed in the Python Console:

```
Humidity: 14
Abnormal Body Temperature
Abnormal Humidity
-----
Temperature: 36.9
Humidity: 46
Normal Body Temperature
Normal Humidity
All is good, Stay Healthy!
-----
Temperature: 39.0
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
```