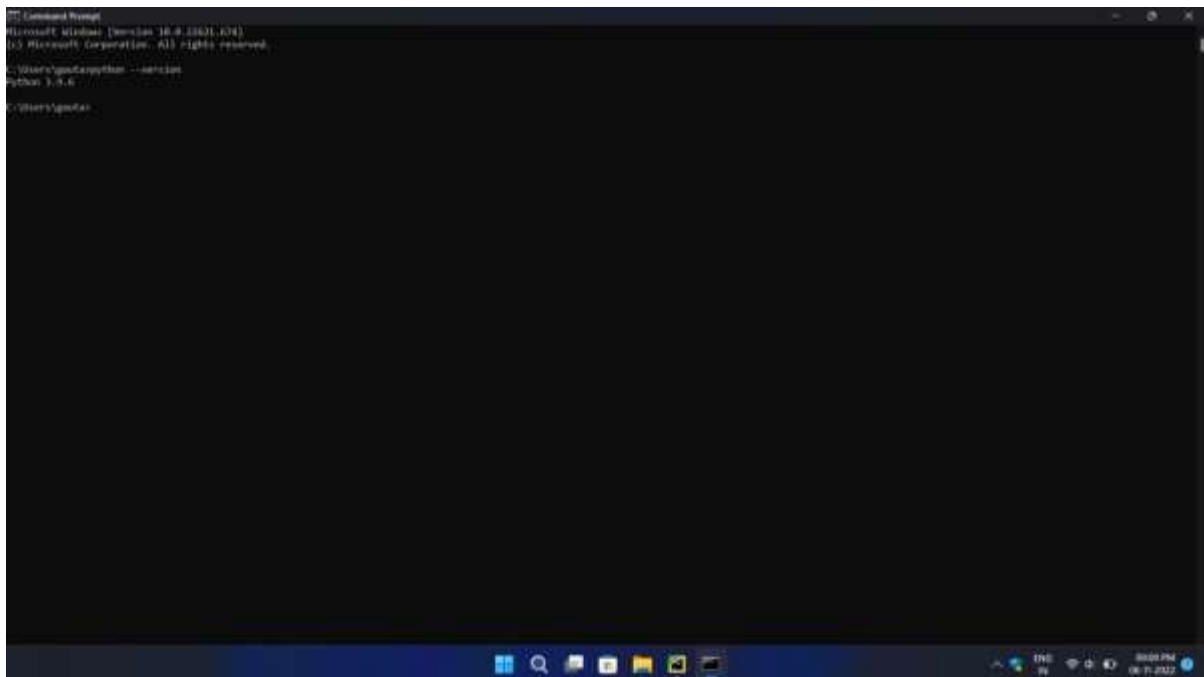


Prerequisites
Software (Python 3.6.5)

| | |
|---------------|--|
| Date | 07 September 2022 |
| Team ID | PNT2022TMID23481 |
| 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

```
File Edit Shell Run Debug View Window Help pythonProject - IDLE

import random
import time
while(True):
    temperature = round(random.uniform(30, 40), 1)
    print('Temperature: ' + str(temperature))
    humidity = random.randint(30, 60)
    print('Humidity: ' + str(humidity) + '\n')
    if(temperature >= 36.5 and temperature <= 37.5):
        print('Normal Body Temperature')
    else:
        print('Abnormal Body Temperature')
    if(humidity >= 30 and humidity <= 60):
        print('Normal Humidity')
    else:
        print('Abnormal Humidity')
    if((temperature >= 36.5 and temperature <= 37.5) and (humidity >= 30 and humidity <= 60)):
        print('All is good, Stay Healthy!')
    time.sleep(1)
    print('-----')
```

```
File Edit Shell Debug View Window Help pythonProject - IDLE
Project: python
File Edit Shell Run Debug View Window Help pythonProject - IDLE

Humidity: 34

Abnormal Body Temperature
Abnormal Humidity
-----
Temperature: 36.4
Humidity: 44

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

Abnormal Body Temperature
Normal Humidity
-----
Temperature: 38.4
Humidity: 38

Abnormal Body Temperature
Normal Humidity
-----
Temperature: 38.6
Humidity: 79

Abnormal Body Temperature
Abnormal Humidity
```

