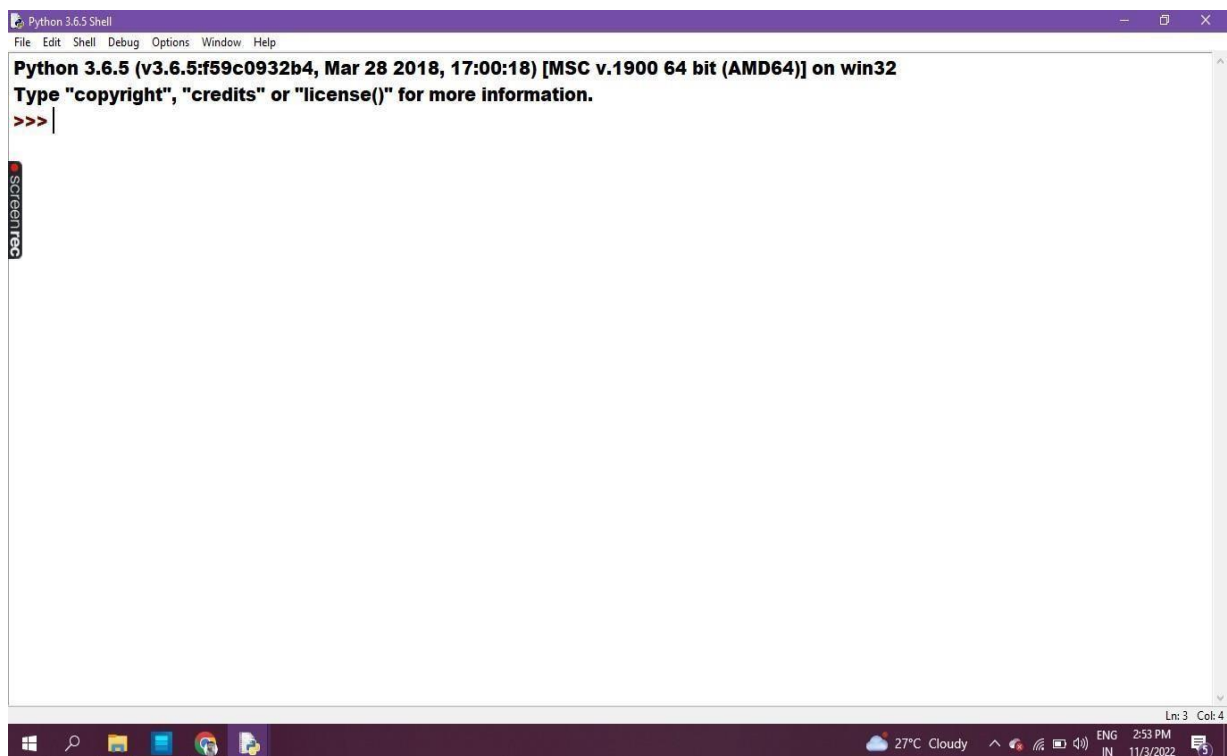


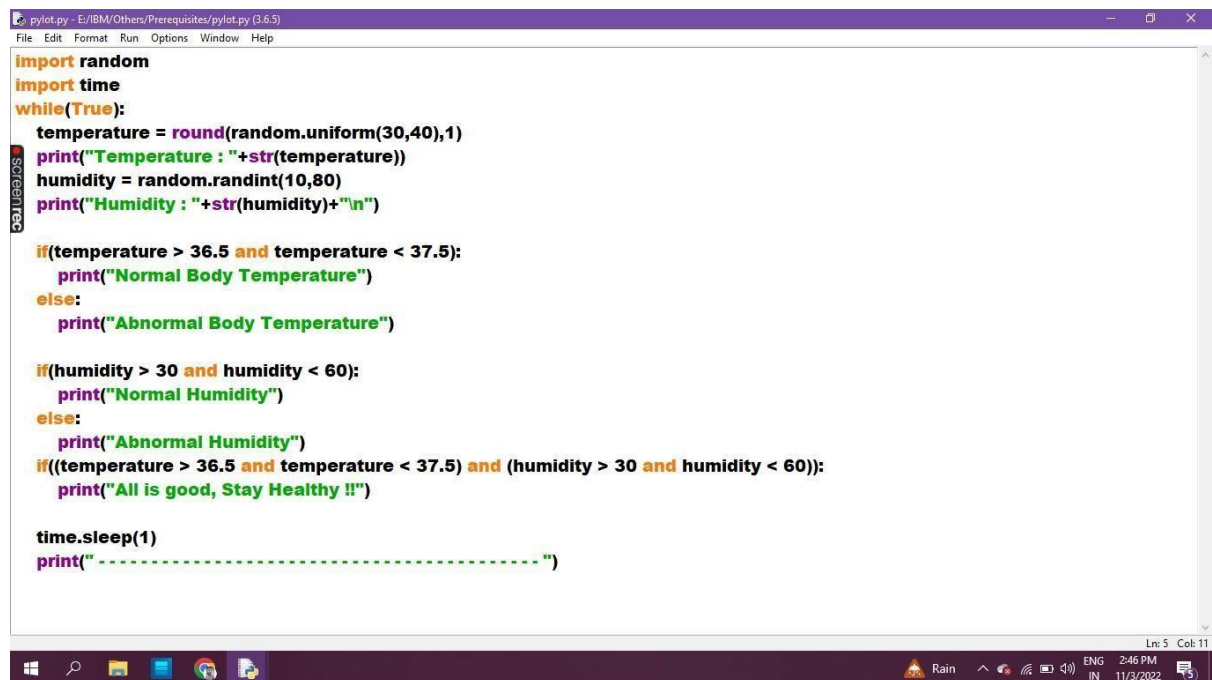
**Prerequisites**  
**Software ( Python 3.6.5 )**

Date	03 November 2022
Team ID	PNT2022TMID19820
Project Name	SMART SOLUTION FOR RAILWAYS
Maximum Marks	4 Marks

**SMART SOLUTION FOR RAILWAYS**



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



The screenshot shows the Python IDLE 3.6.5 interface. The title bar reads 'pylot.py - E:/IBM/Others/Prerequisites/pylot.py (3.6.5)'. The menu bar includes 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The code editor contains the following Python code:

```
import random
import time
while(True):
    temperature = round(random.uniform(30,40),1)
    print("Temperature : "+str(temperature))
    humidity = random.randint(10,80)
    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("-----")
```

The status bar at the bottom right indicates 'Line 5, Column 11'. The Windows taskbar at the very bottom shows the Start button, search icon, task view icon, and several application icons. System tray icons include a rain icon, network status, volume, and battery. The system clock shows '2:46 PM' on '11/3/2022'.

```
Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
-----
Temperature : 35.7
Humidity : 11

Abnormal Body Temperature
Abnormal Humidity
-----
Temperature : 34.4
Humidity : 56

Abnormal Body Temperature
Normal Humidity
-----
Temperature : 39.5
Humidity : 10

Abnormal Body Temperature
Abnormal Humidity
-----
Temperature : 37.2
Humidity : 64

Normal Body Temperature
Abnormal Humidity
-----
Ln: 5 Col: 0
```