Prerequisites
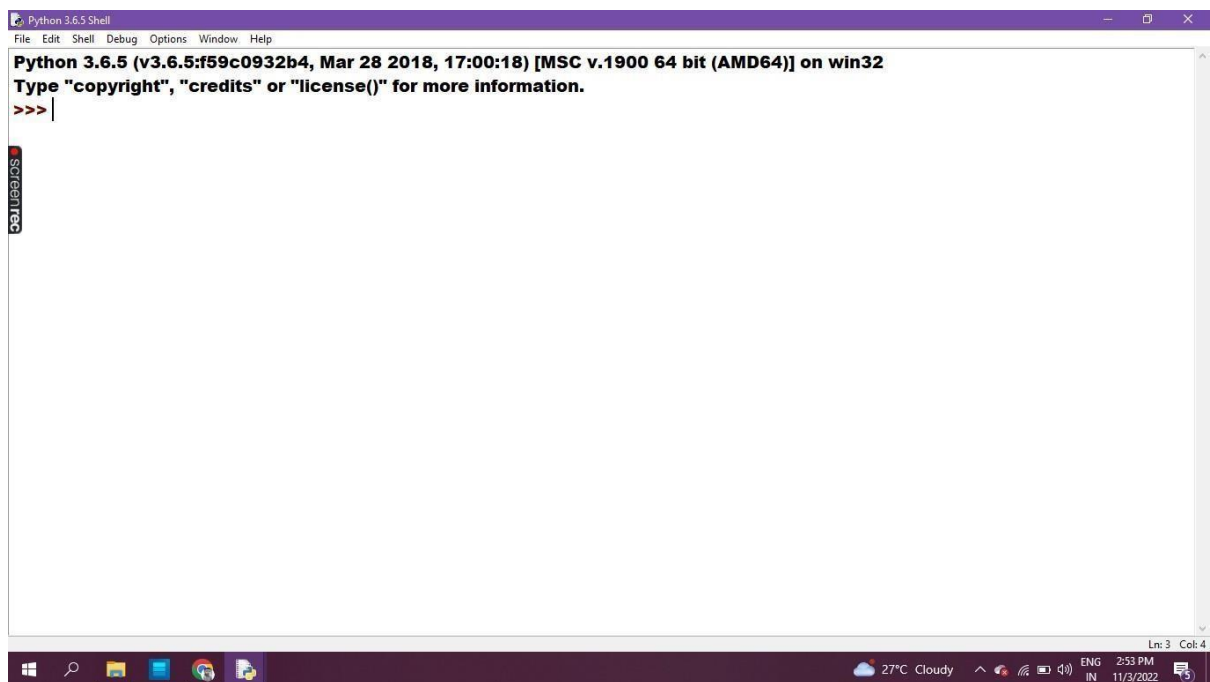**Software (Python 3.6.5)**

SMART SOLUTION FOR RAILWAYS

Program & Output in Python IDLE 3.6.5 - 64bit

```python
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(" - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - ")
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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
```