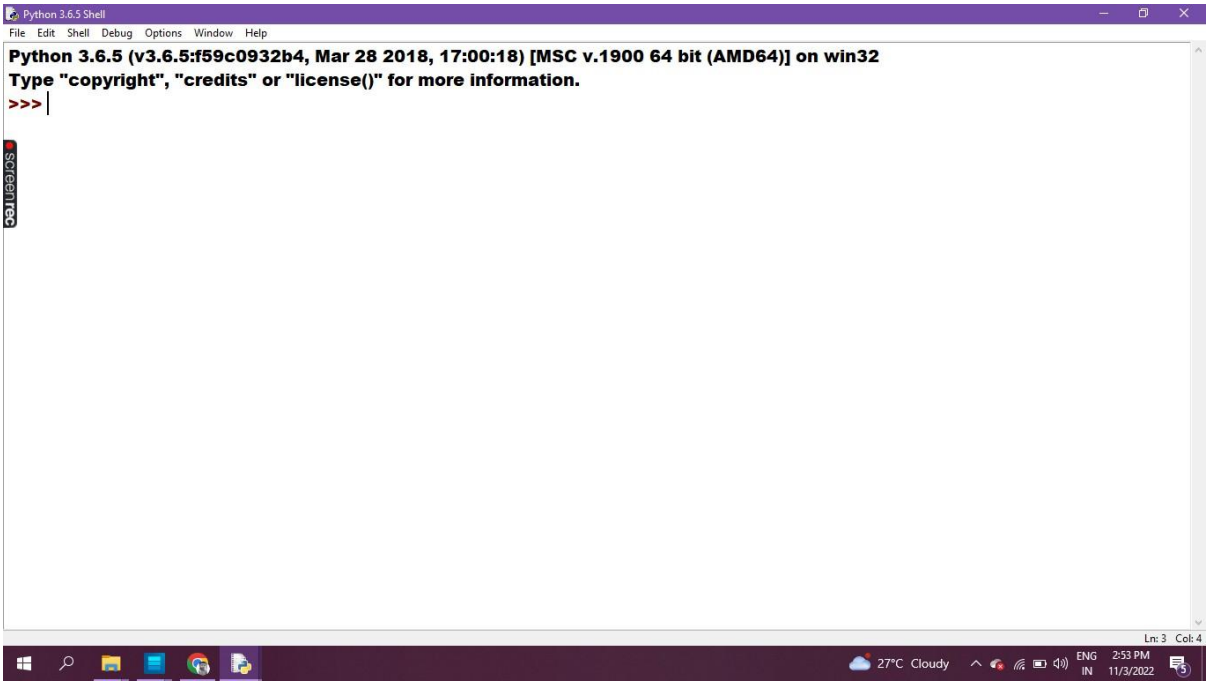
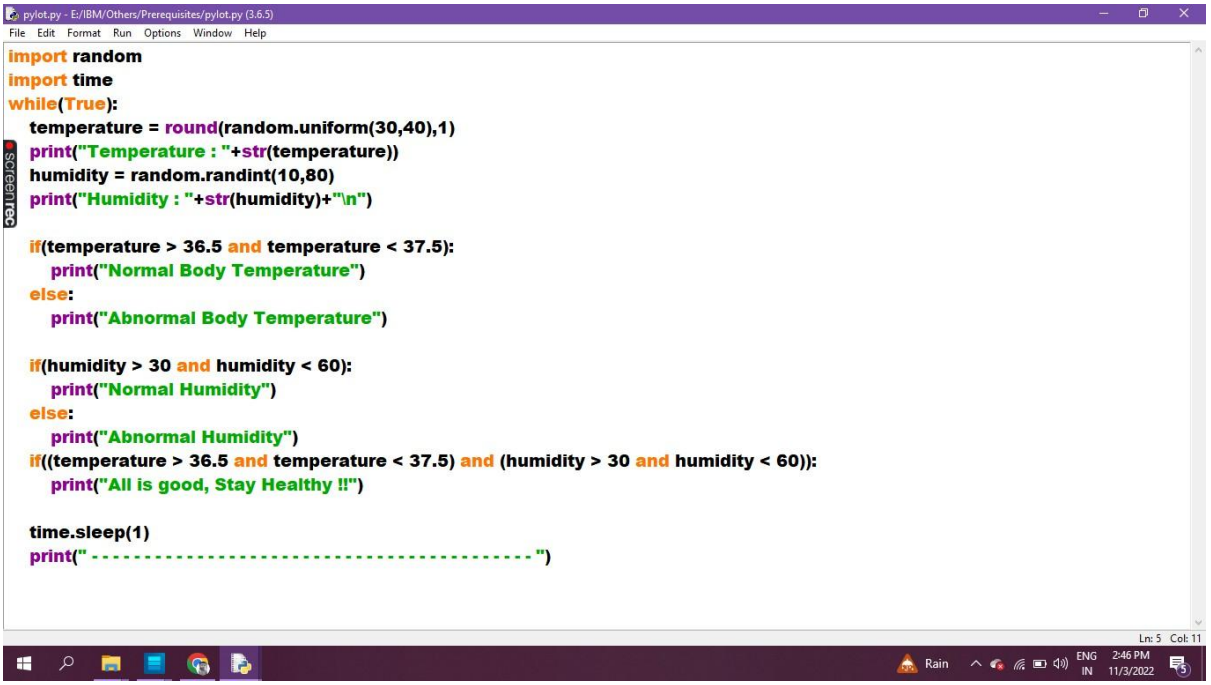
Prerequisites
Software (Python 3.6.5)

Date	07 September 2022
Team ID	PNT2022TMID13499
Project Name	Project - IoT based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	4 Marks

Safety Gadget for child safety Monitoring & Notification :



Program & Output in Python IDLE 3.6.5 - 64bit

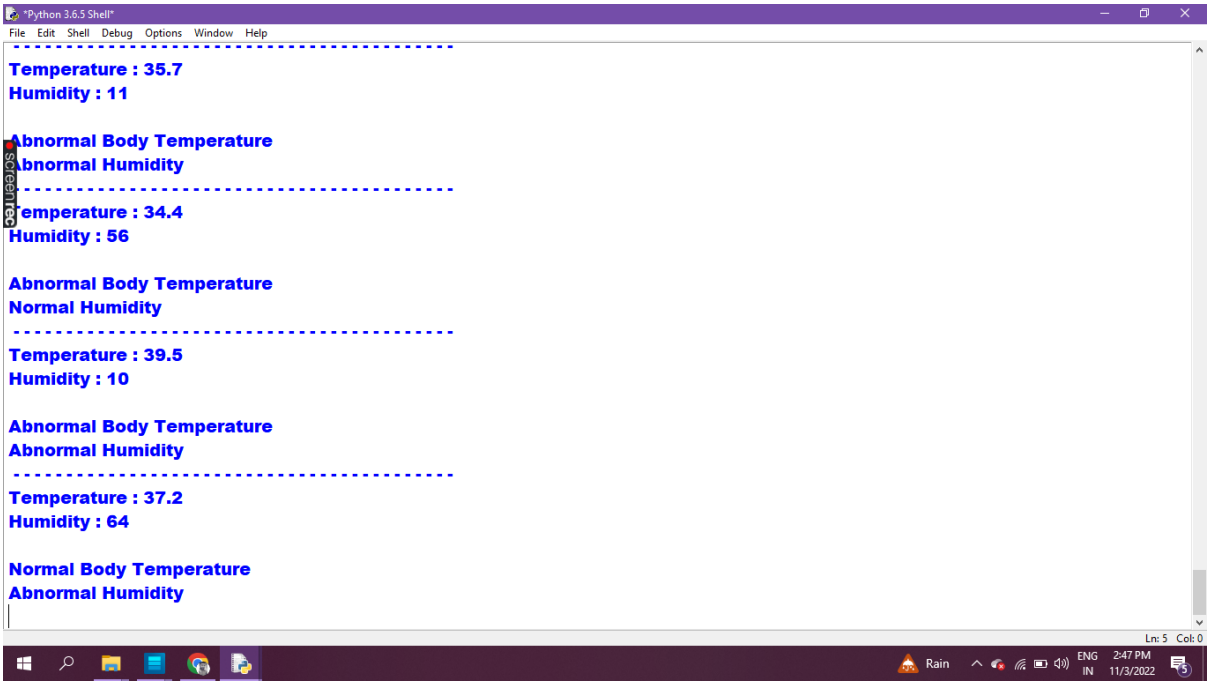


```
pylot.py - E:/IBM/Others/Prerequisites/pylot.py (3.6.5)
File  Edit  Format  Run  Options  Window  Help
import random
import time
while(True):
    temperature = round(random.uniform(30,40),1)
    print("Temperature : "+str(temperature))
    humidity = random.randint(10,80)
    print("Humidity : "+str(humidity)+"\n")

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



```
*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
```