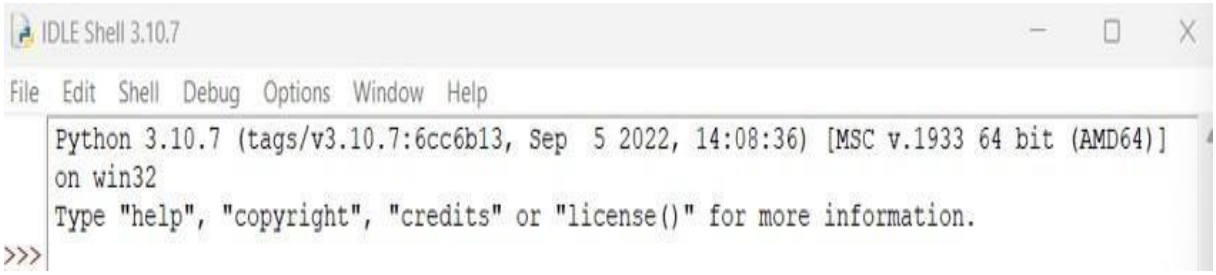
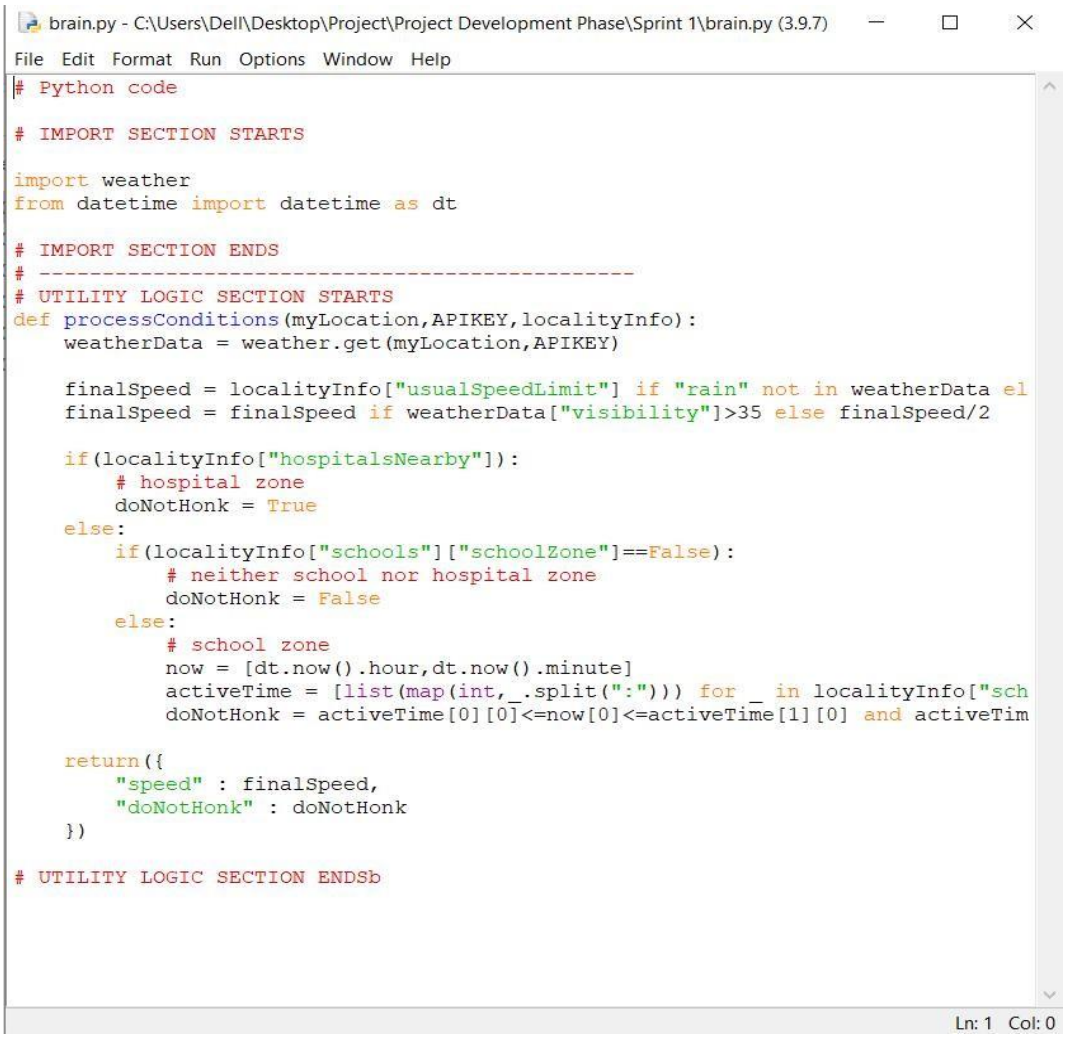
OUTPUT

DATE	04 NOV 2022
Team ID	PNT2022TMID16954
Project Tittle	Signs with smart connectivity for better road safety





+•y weather.py - C:\Users\Dell\Desktop\Project\Project Development Phase\Sprint 1\weather.py ... — 0 X

File Edit Format Run Options Win‹iow Help

)f Python code

```
coort requests as reqs

aeI get(myLocation,APIKEY):
    apiURL   f"https://api.openweathermap.org/data/2.5/weather?q={myLocation)&ap
    responseJSON = (reqs.get(apiURL)}.json()
    returnObject = (
        "temperature’ : responseJSON['main']['temp'] - 273.15,
        "weather" : [responseJSON['weather'][ ]['main'].lower{) fGi     n range{l
        ’visibility’ : responseJSON['visibility']/100, # visibility in percentag

    if("rain’ in responseJSON):
        returnObject["rain"] = [responseJSON["rain"][key] fcr key  n responseJSO
    return(returnObject)
```

Ln: 1 Col: 0

i main.py - C:\Users\Dell\Desktop\Project\Project Development Phase\5print **1\main.py** (3.9.7) — 0 X

File Edit Format Run Options Window Help

```
|# Python code

# IMPORT SECTION STARTS

*sport brain

# INPORT SECTION ENDS

# USER INPUT SECTION STARTS

myLocation = "Chennai,IN'
APIKEY = "9cd6lDe5fd40Dc74212074c7aceDd62c"

localitylnfo = (
    'schools' : (
        "schoolZone" : True,
        'activeTime' : ["7:0D","17:3D"] # schools active from 7 AM till 5:30 PM

    "hospitalsNearby' : Falsr,
    "usualSpeedLimit" : 40 # in bm/hr


j USER INPUT SE CTION ENDS

# MICRO-CONTROLLER CODE STARTS

print(brain.processConditions(myLocation,APIKEY,localitylnlo))


MICRO CONTROLLER CODE WILL BE ADDSD IN SPRINT 2 AS PER OUR PLANNED SPRINT SCHSDU


#MICRO-CONTROLLER CODE ENDS
```

Lr 1 Col: 0