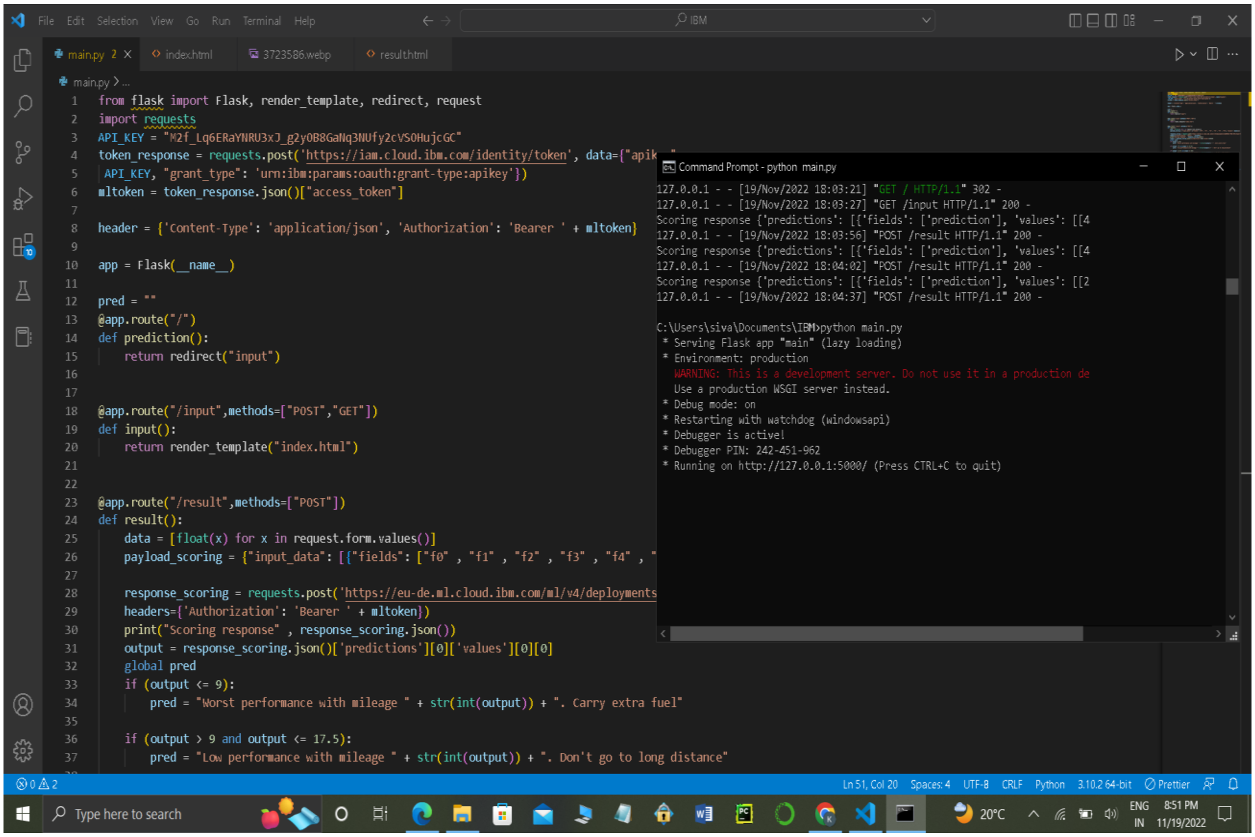
OUTPUT

After Integrate Flask with Scoring End Point :

TeamID — **PNT2022TMID22357**

Running After Integrate Flask with Scoring End Point :



```python
from flask import Flask, render_template, redirect, request
import requests
API_KEY = "M2f_Lq6ERaYNRU3xJ_g2yOB8GaNq3NUfy2cVSOHujcGC"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apik
 API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
mltoken = token_response.json()["access_token"]

header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}

app = Flask(__name__)

pred = ""
@app.route("/")
def prediction():
    return redirect("input")


@app.route("/input",methods=["POST","GET"])
def input():
    return render_template("index.html")


@app.route("/result",methods=["POST"])
def result():
    data = [float(x) for x in request.form.values()]
    payload_scoring = {"input_data": [{"fields": ["f0" , "f1" , "f2" , "f3" , "f4" , "

    response_scoring = requests.post('https://eu-de.ml.cloud.ibm.com/ml/v4/deployments
    headers={'Authorization': 'Bearer ' + mltoken})
    print("Scoring response" , response_scoring.json())
    output = response_scoring.json()['predictions'][0]['values'][0][0]
    global pred
    if (output <= 9):
        pred = "Worst performance with mileage " + str(int(output)) + ". Carry extra fuel"

    if (output > 9 and output <= 17.5):
        pred = "Low performance with mileage " + str(int(output)) + ". Don't go to long distance"
```

```
127.0.0.1 - - [19/Nov/2022 18:03:21] "GET / HTTP/1.1" 302 -
127.0.0.1 - - [19/Nov/2022 18:03:27] "GET /input HTTP/1.1" 200 -
Scoring response {'predictions': [{'fields': ['prediction'], 'values': [[4
127.0.0.1 - - [19/Nov/2022 18:03:56] "POST /result HTTP/1.1" 200 -
Scoring response {'predictions': [{'fields': ['prediction'], 'values': [[4
127.0.0.1 - - [19/Nov/2022 18:04:02] "POST /result HTTP/1.1" 200 -
Scoring response {'predictions': [{'fields': ['prediction'], 'values': [[2
127.0.0.1 - - [19/Nov/2022 18:04:37] "POST /result HTTP/1.1" 200 -

C:\Users\siva\Documents\IBM>python main.py
 * Serving Flask app "main" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production de
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with watchdog (windowsapi)
 * Debugger is active!
 * Debugger PIN: 242-451-962
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```