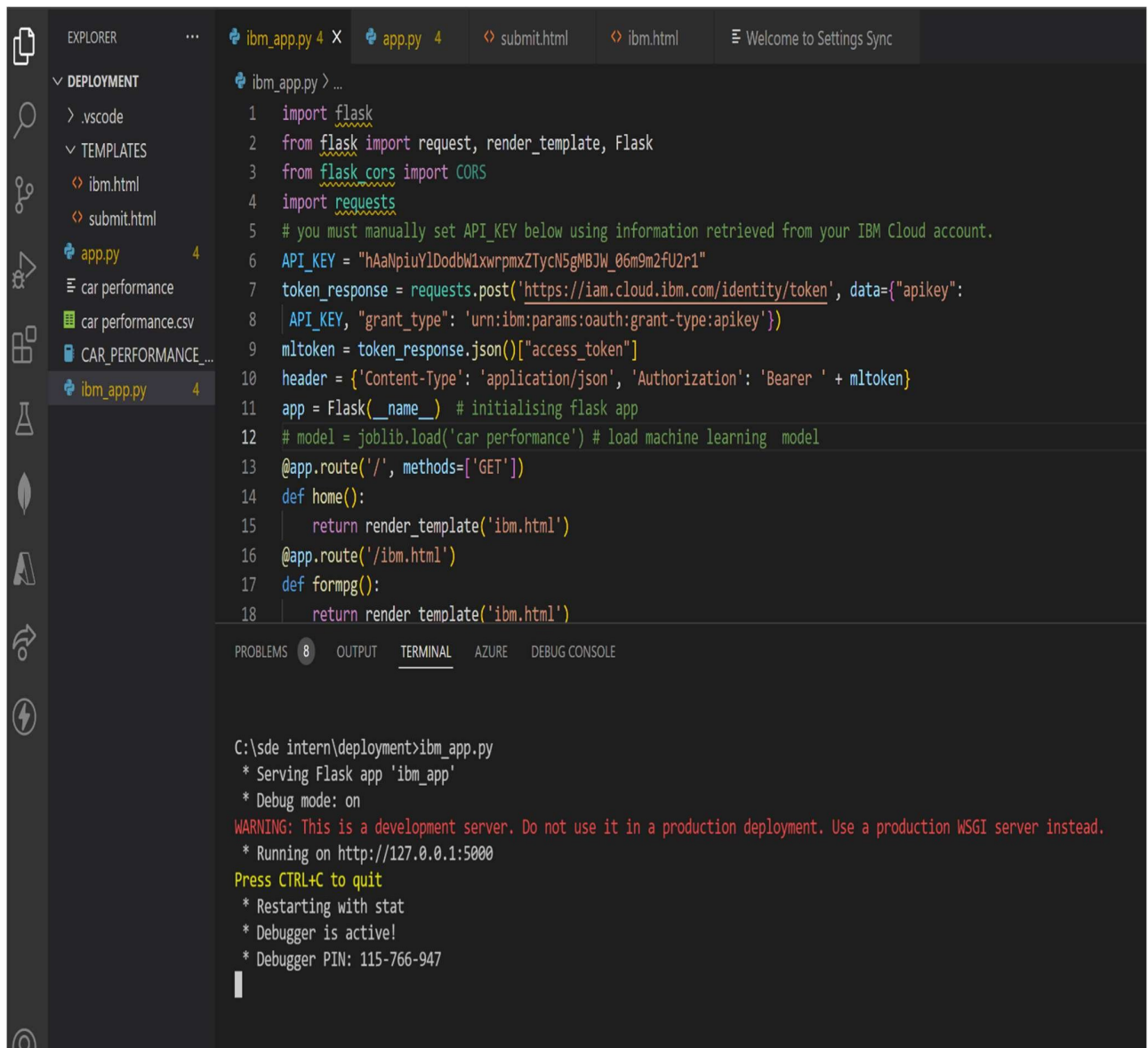


OUTPUT

After Integrate Flask with Scoring End Point :

TeamID – PNT2022TMID54018

Running After Integrate Flask with Scoring End Point :



The screenshot displays the Visual Studio Code interface. The Explorer panel on the left shows the project structure with files like `ibm.html`, `submit.html`, `app.py`, and `ibm_app.py`. The main editor window shows the code for `ibm_app.py`, which is a Flask application. The code imports `flask`, `flask_cors`, and `requests`. It sets an `API_KEY` and makes a POST request to the IBM Cloud IAM token endpoint. The application defines two routes: a home page and a form page, both rendering the `ibm.html` template. The bottom panel shows the terminal output, indicating that the Flask app is running on `http://127.0.0.1:5000`.

```
ibm_app.py > ...
1 import flask
2 from flask import request, render_template, Flask
3 from flask_cors import CORS
4 import requests
5 # you must manually set API_KEY below using information retrieved from your IBM Cloud account.
6 API_KEY = "hAaNpiuYlDodbW1xwrpmxZTycN5gMBJW_06m9m2fU2r1"
7 token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey":
8 API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
9 mltoken = token_response.json()["access_token"]
10 header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}
11 app = Flask(__name__) # initialising flask app
12 # model = joblib.load('car performance') # load machine learning model
13 @app.route('/', methods=['GET'])
14 def home():
15     return render_template('ibm.html')
16 @app.route('/ibm.html')
17 def formpg():
18     return render_template('ibm.html')
```

PROBLEMS 8 OUTPUT TERMINAL AZURE DEBUG CONSOLE

```
C:\sde intern\deployment>ibm_app.py
* Serving Flask app 'ibm_app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 115-766-947
```

VEHICLE PERFORMANCE PREDICTION

ENTER THE BELOW DATA TO FIND THE VEHICLE PERFORMANCE

Enter no of Cylinders

8

Enter Displacement

390

Enter Horse Power

190

Enter Weight

3850

Enter Modal Year

70

Enter Origin

1

Submit

Home

Low performance with mileage 15.0. Don't go to long distance

