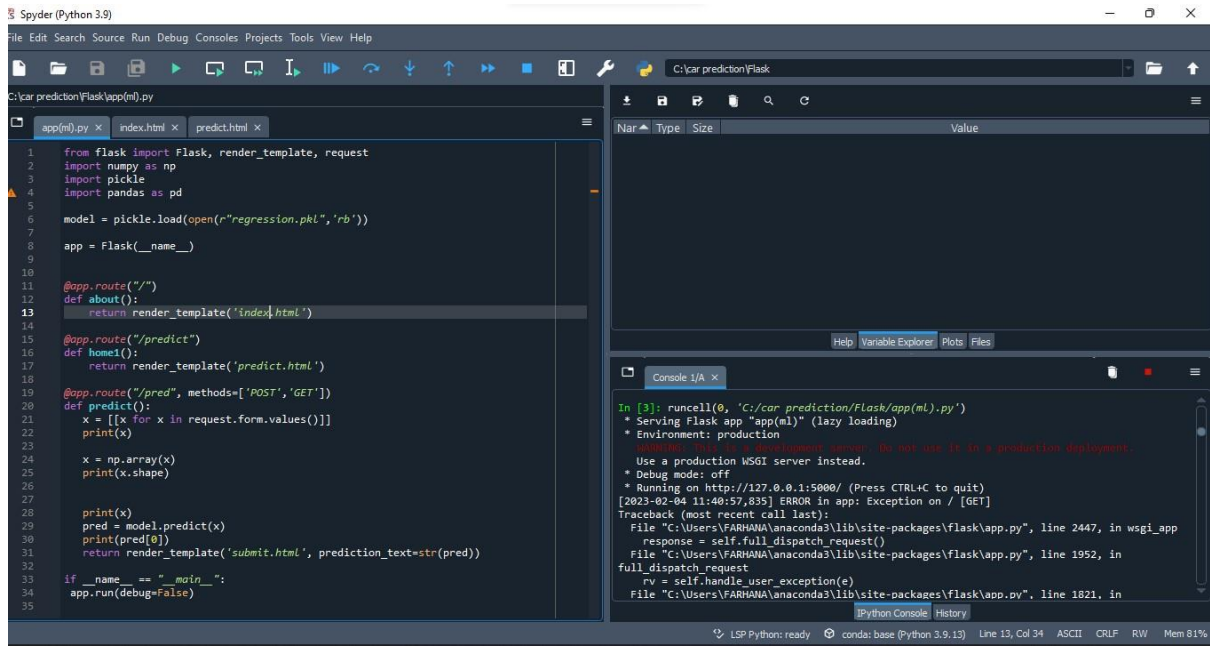


OUTPUTS

Flask code on Spyder



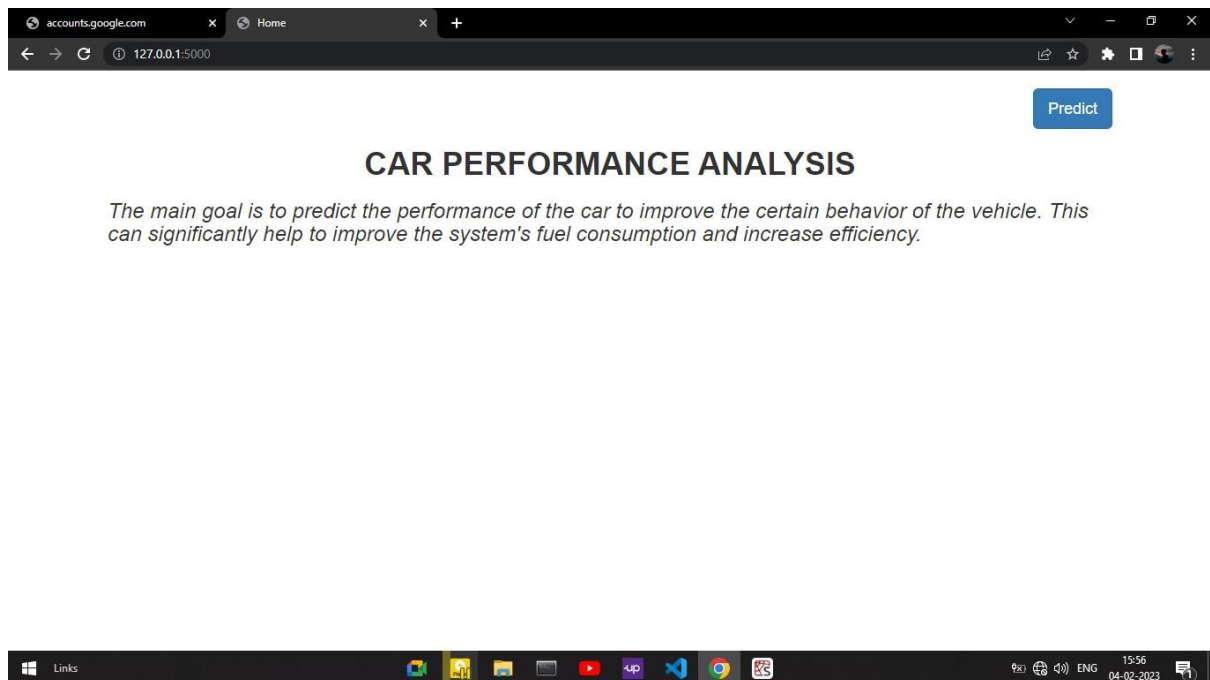
The screenshot shows the Spyder Python IDE interface. The main editor displays a Flask application code file named `app(ml).py`. The code includes imports for Flask, numpy, pickle, and pandas, loads a regression model, and defines routes for `about()` and `predict()`. The `predict()` route uses the loaded model to predict car performance based on input data. The console output shows the application running successfully on `http://127.0.0.1:5000/` and handling a GET request.

```
1 from flask import Flask, render_template, request
2 import numpy as np
3 import pickle
4 import pandas as pd
5
6 model = pickle.load(open(r"regression.pkl", 'rb'))
7
8 app = Flask(__name__)
9
10
11 @app.route("/")
12 def about():
13     return render_template("index.html")
14
15 @app.route("/predict")
16 def home1():
17     return render_template("predict.html")
18
19 @app.route("/pred", methods=['POST', 'GET'])
20 def predict():
21     x = [[x for x in request.form.values()]]
22     print(x)
23
24     x = np.array(x)
25     print(x.shape)
26
27
28     print(x)
29     pred = model.predict(x)
30     print(pred[0])
31     return render_template("submit.html", prediction_text=str(pred))
32
33 if __name__ == "__main__":
34     app.run(debug=False)
35
```

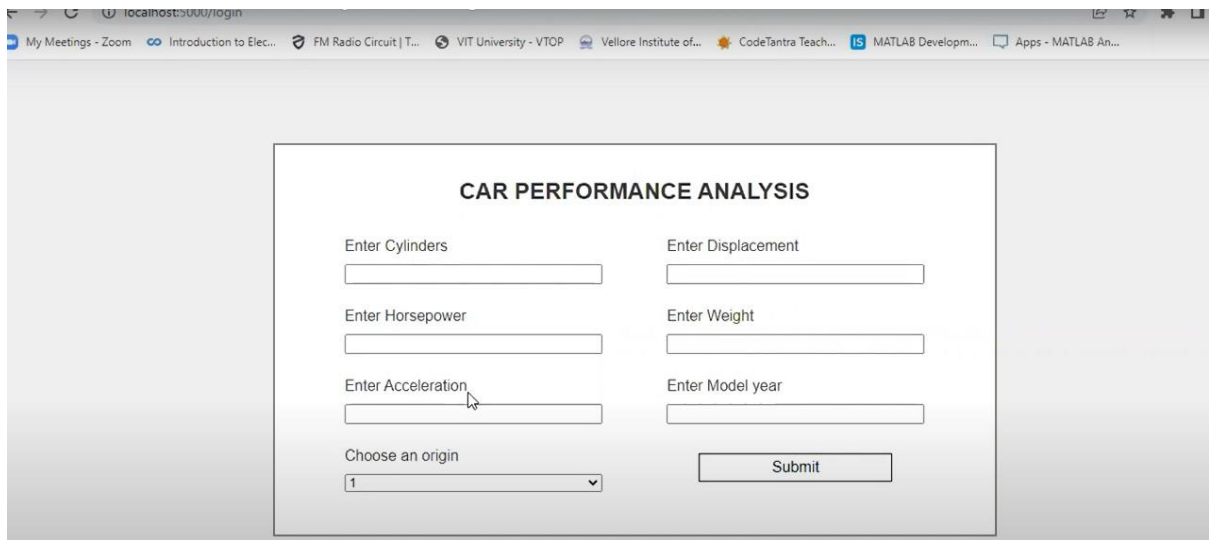
Console Output:

```
In [3]: runcell(0, 'C:/car prediction/Flask/app(ml).py')
* Serving Flask app "app(ml)" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
[2023-02-04 11:48:57.835] ERROR in app: Exception on / [GET]
Traceback (most recent call last):
  File "C:/Users/FARHANA/anaconda3/lib/site-packages/flask/app.py", line 2447, in wsgi_app
    response = self.full_dispatch_request()
  File "C:/Users/FARHANA/anaconda3/lib/site-packages/flask/app.py", line 1952, in
full_dispatch_request
    rv = self.handle_user_exception(e)
  File "C:/Users/FARHANA/anaconda3/lib/site-packages/flask/app.py", line 1821, in
```

Home page



Predicting page



The screenshot shows a web browser window with the address bar displaying 'localhost:5000/login'. The browser's tab bar includes several open tabs: 'My Meetings - Zoom', 'Introduction to Elec...', 'FM Radio Circuit | T...', 'VIT University - VTOP', 'Vellore Institute of...', 'CodeTantro Teach...', 'MATLAB Developm...', and 'Apps - MATLAB An...'. The main content area of the browser displays a web form titled 'CAR PERFORMANCE ANALYSIS'.

The form is titled 'CAR PERFORMANCE ANALYSIS' and contains the following input fields and a submit button:

- Enter Cylinders:
- Enter Displacement:
- Enter Horsepower:
- Enter Weight:
- Enter Acceleration:
- Enter Model year:
- Choose an origin:
- Submit: