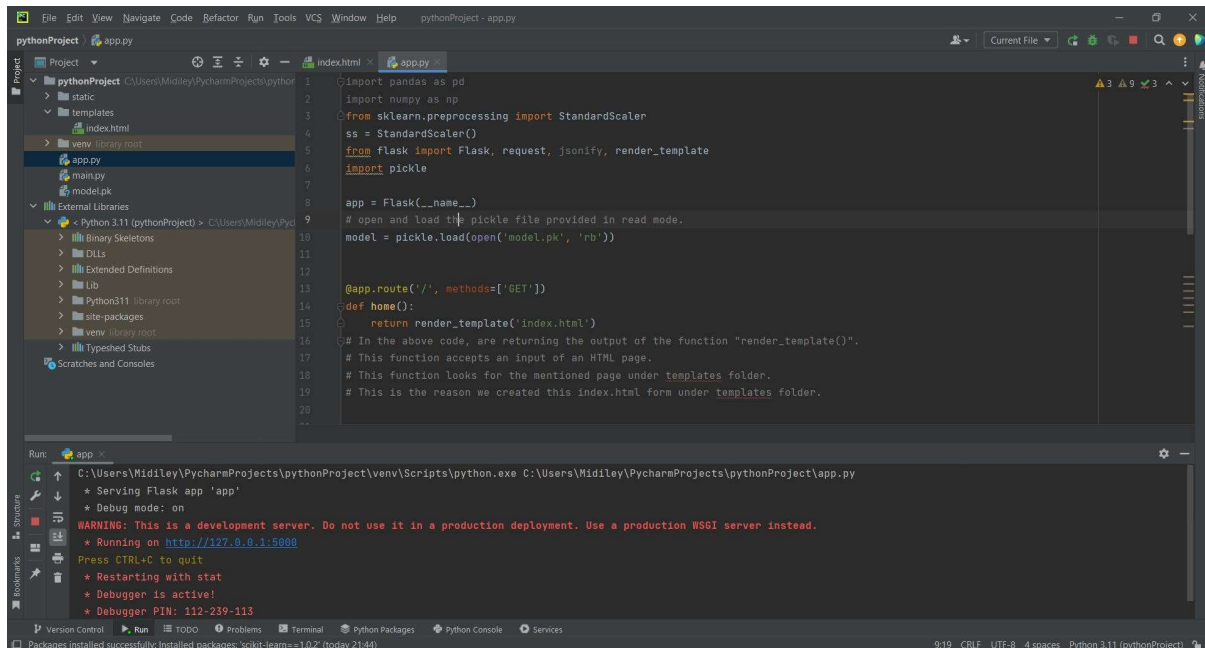


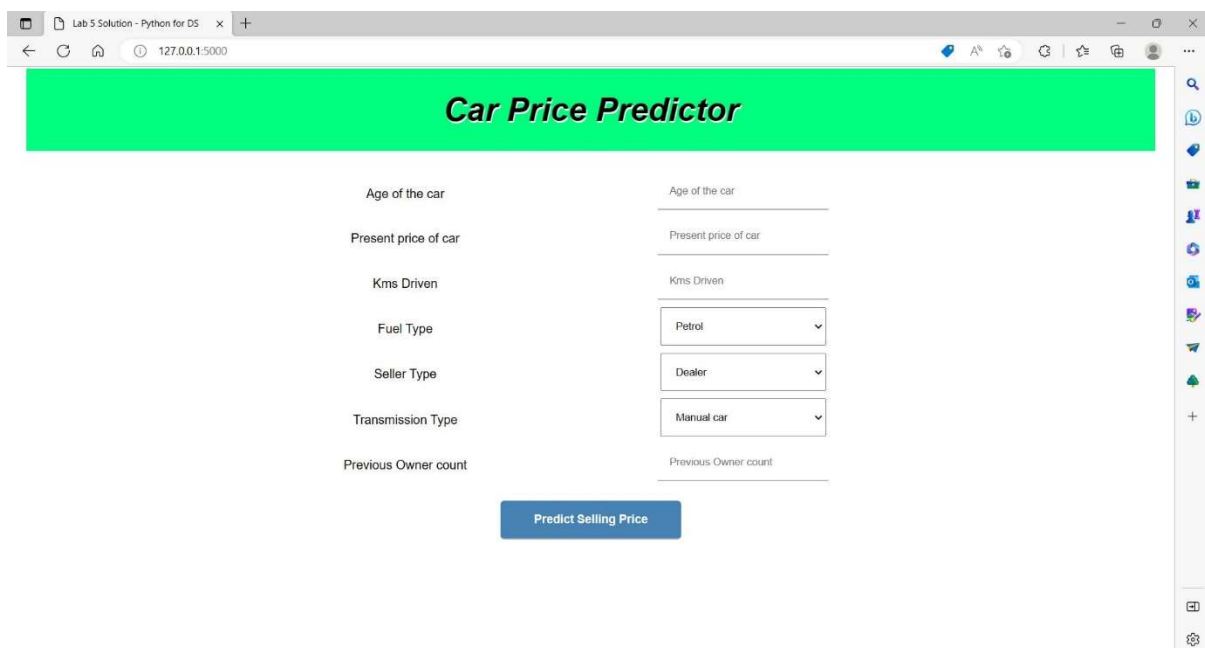
# Lab Solution 5 – Web Apps using Python Flask

## Screenshots of Solution

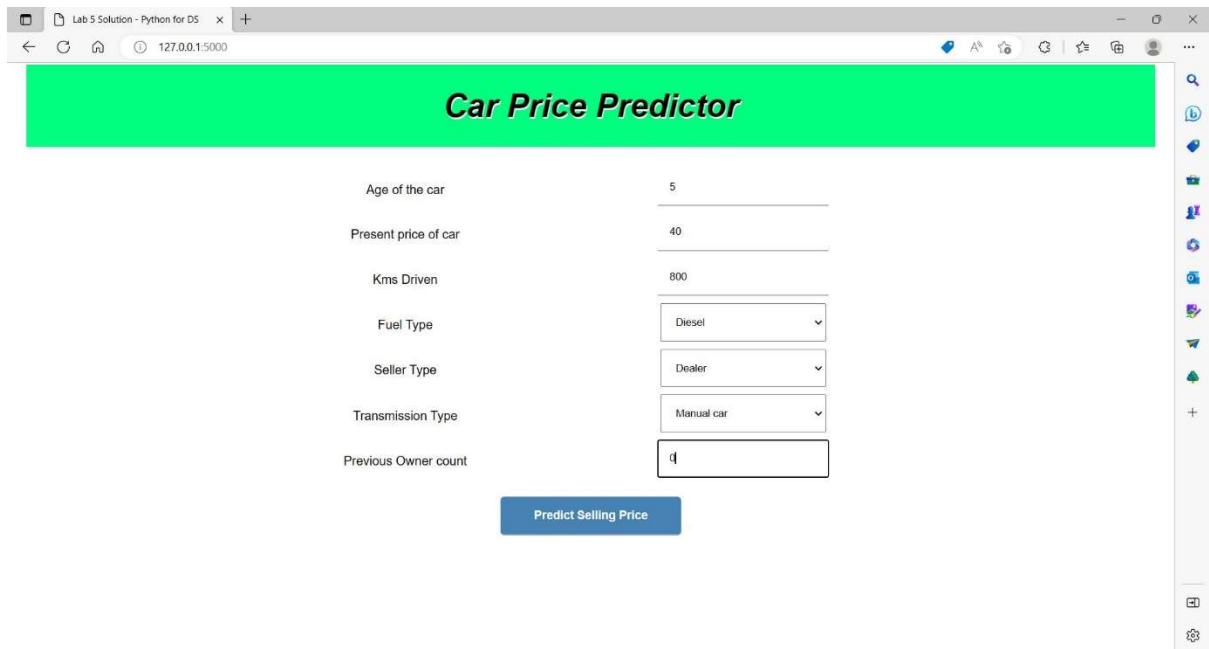
### Project Structure – Application started & running (in PyCharm):



### Application running on Browser: (during application start)



Entering inputs by the user for Prediction model:

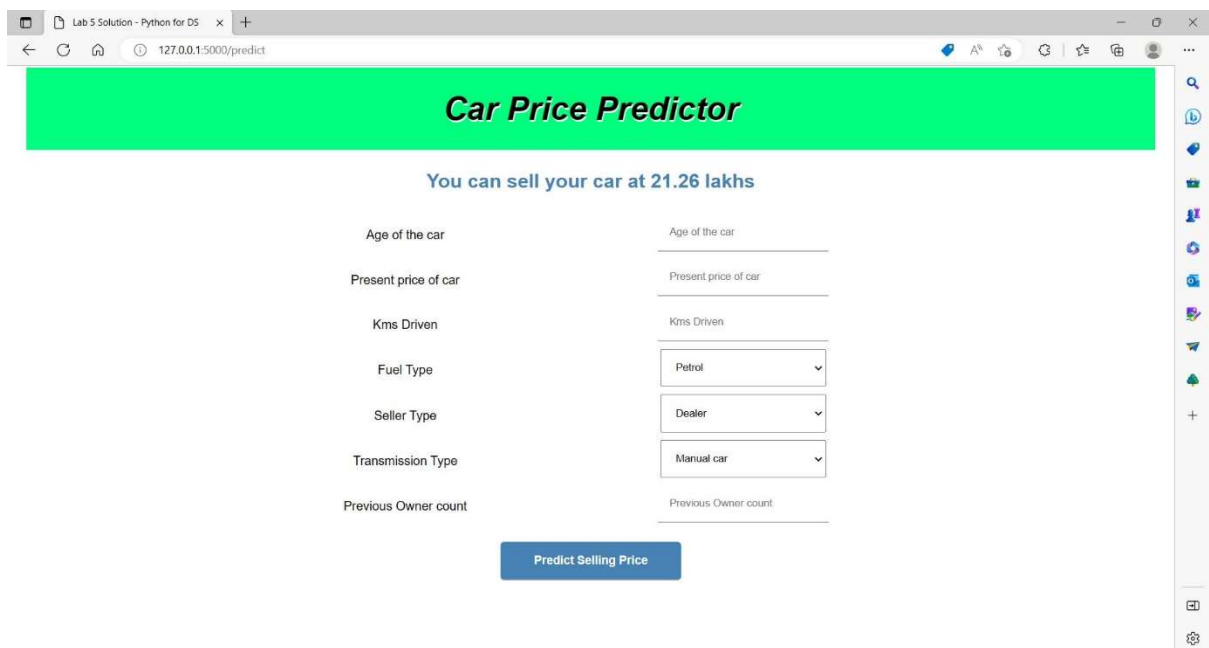


The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000'. The page has a green header with the text 'Car Price Predictor'. Below the header, there are input fields for the following car details:

- Age of the car: 5
- Present price of car: 40
- Kms Driven: 800
- Fuel Type: Diesel (dropdown menu)
- Seller Type: Dealer (dropdown menu)
- Transmission Type: Manual car (dropdown menu)
- Previous Owner count: 1

A blue button labeled 'Predict Selling Price' is located below the input fields.

Prediction value obtained for the entered inputs (in '/predict' URL):



The screenshot shows the same web browser window, but the address bar now displays '127.0.0.1:5000/predict'. The page has a green header with the text 'Car Price Predictor'. Below the header, there is a blue text message: 'You can sell your car at 21.26 lakhs'. Below this message, there are input fields for the following car details:

- Age of the car: (empty field)
- Present price of car: (empty field)
- Kms Driven: (empty field)
- Fuel Type: Petrol (dropdown menu)
- Seller Type: Dealer (dropdown menu)
- Transmission Type: Manual car (dropdown menu)
- Previous Owner count: (empty field)

A blue button labeled 'Predict Selling Price' is located below the input fields.

## Example 2: Another set of inputs and their prediction result

Lab 5 Solution - Python for DS

127.0.0.1:5000/predict

Car Price Predictor

You can sell your car at 20.78 lakhs

Age of the car

8

Present price of car

20

Kms Driven

1500

Fuel Type

Petrol

Seller Type

Dealer

Transmission Type

Manual car

Previous Owner count

1

Predict Selling Price