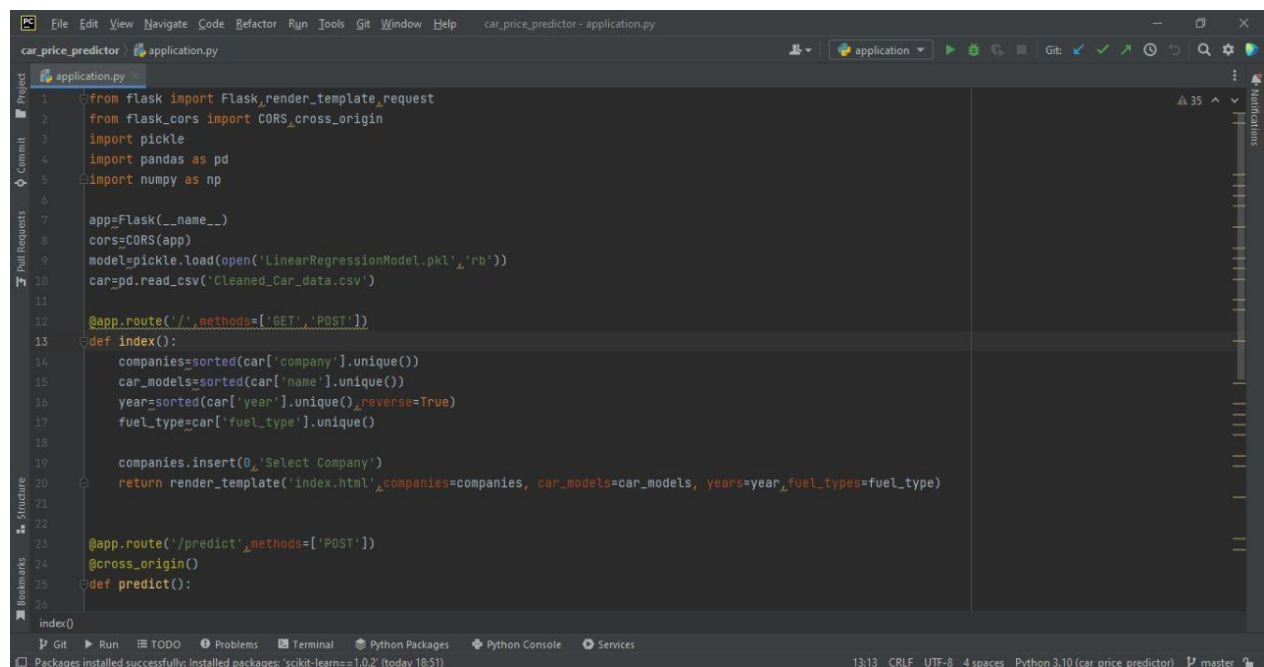


Project	Car Resale value prediction
Team ID	PNT2022TMID13795

INTEGRATE FLASK WITH SCORING END POINT

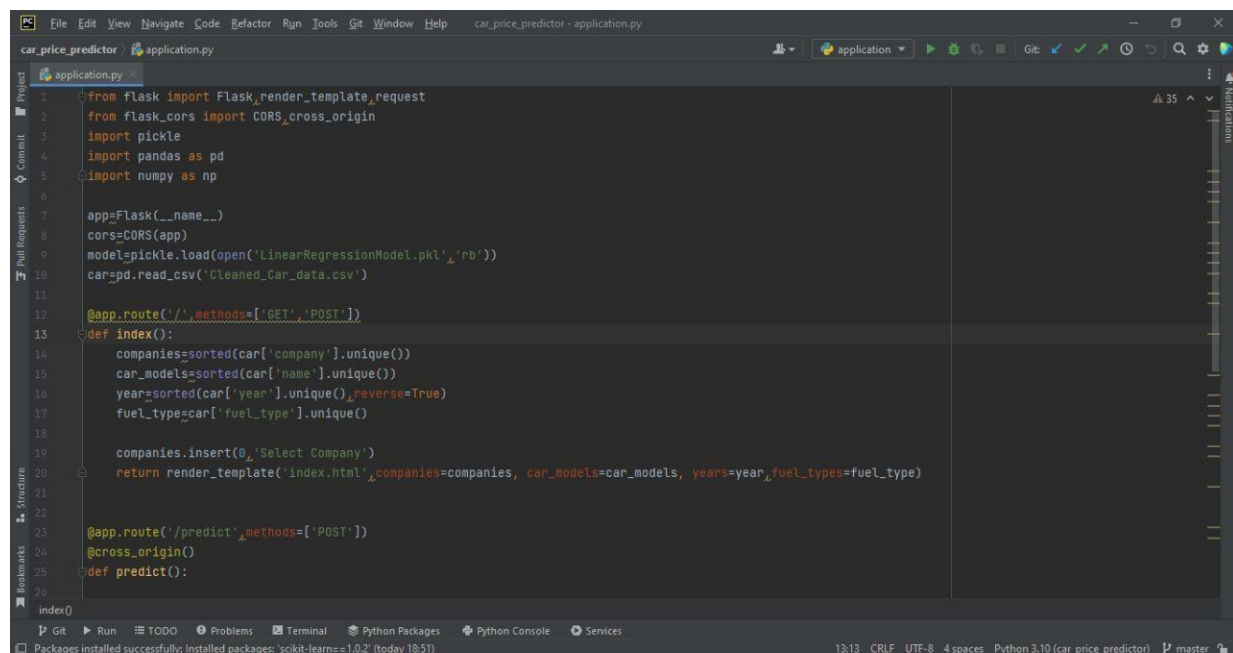
Execute the python code and after the module is running, open the localhost and click on the button to check the prediction.



```

1 from flask import Flask, render_template, request
2 from flask_cors import CORS, cross_origin
3 import pickle
4 import pandas as pd
5 import numpy as np
6
7 app = Flask(__name__)
8 cors = CORS(app)
9 model = pickle.load(open('LinearRegressionModel.pkl', 'rb'))
10 car_data = pd.read_csv('Cleaned_Car_data.csv')
11
12 @app.route('/', methods=['GET', 'POST'])
13 def index():
14     companies = sorted(car['company'].unique())
15     car_models = sorted(car['name'].unique())
16     years = sorted(car['year'].unique(), reverse=True)
17     fuel_type = car['fuel_type'].unique()
18
19     companies.insert(0, 'Select Company')
20     return render_template('index.html', companies=companies, car_models=car_models, years=years, fuel_types=fuel_type)
21
22 @app.route('/predict', methods=['POST'])
23 @cross_origin()
24 def predict():
25     pass
26
27 index()

```



```

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23 @cross_origin()
24 def predict():
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26
27 index()

```

This is the home page of the application

Welcome to Car Price Predictor

This app predicts the price of a car you want to sell. Try filling the details below:

Select the company:
BMW

Select the model:
BMW X1

Select Year of Purchase:
2016

Select the Fuel Type:
Diesel

Enter the Number of Kilometres that the car has travelled:
234567

Predict Price

This app predicts the price of a car you want to sell. Try filling the details below:

Select the company:
BMW

Select the model:
BMW X1

Select Year of Purchase:
2016

Select the Fuel Type:
Diesel

Enter the Number of Kilometres that the car has travelled:
234567

Predict Price

Prediction: ₹1051381.77