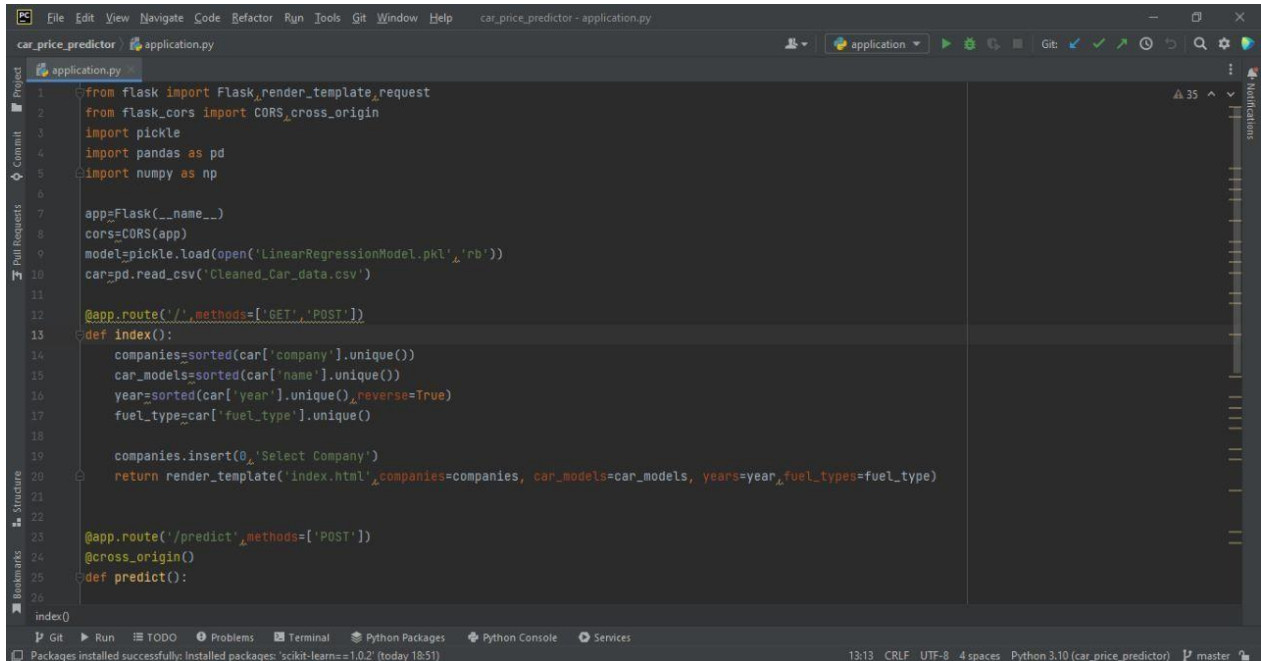


Date	17 November 2022
Team ID	PNT2022TMID09388
Project Name	Car Resale Value Prediction

EXECUTE AND TEST MODEL

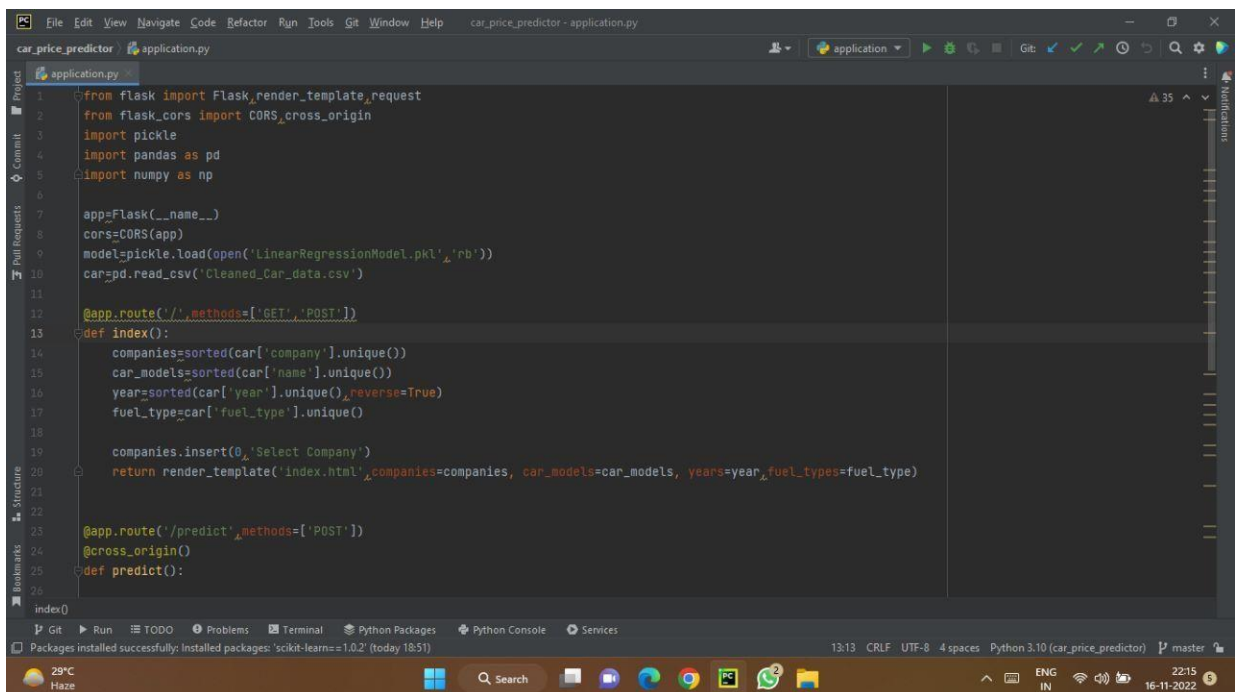
Execute the python code and after the module is running, open the localhost and click on the button to check the prediction.



```

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 = 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

```



```

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23 @cross_origin()
24 def predict():
25

```

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