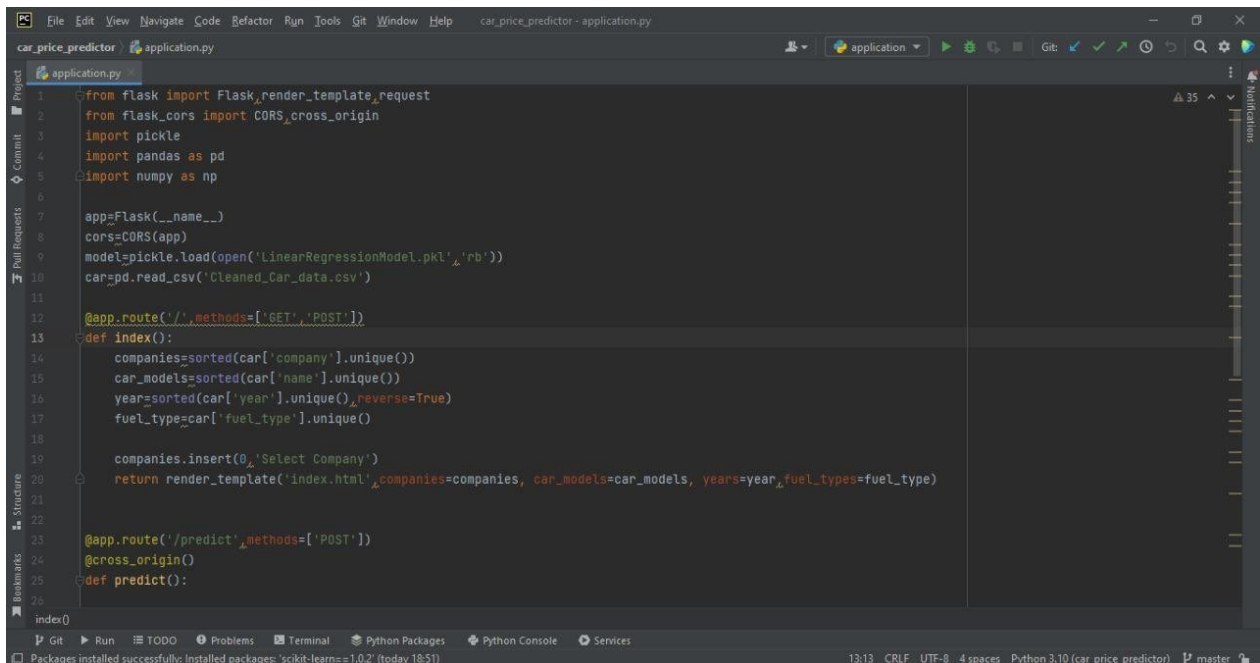


Date	17.11.2022
Team ID	PNT2022TMID09388
Project Name	Car Resale Value Prediction

## INTEGRATE FLASK WITH SCORING END POINT

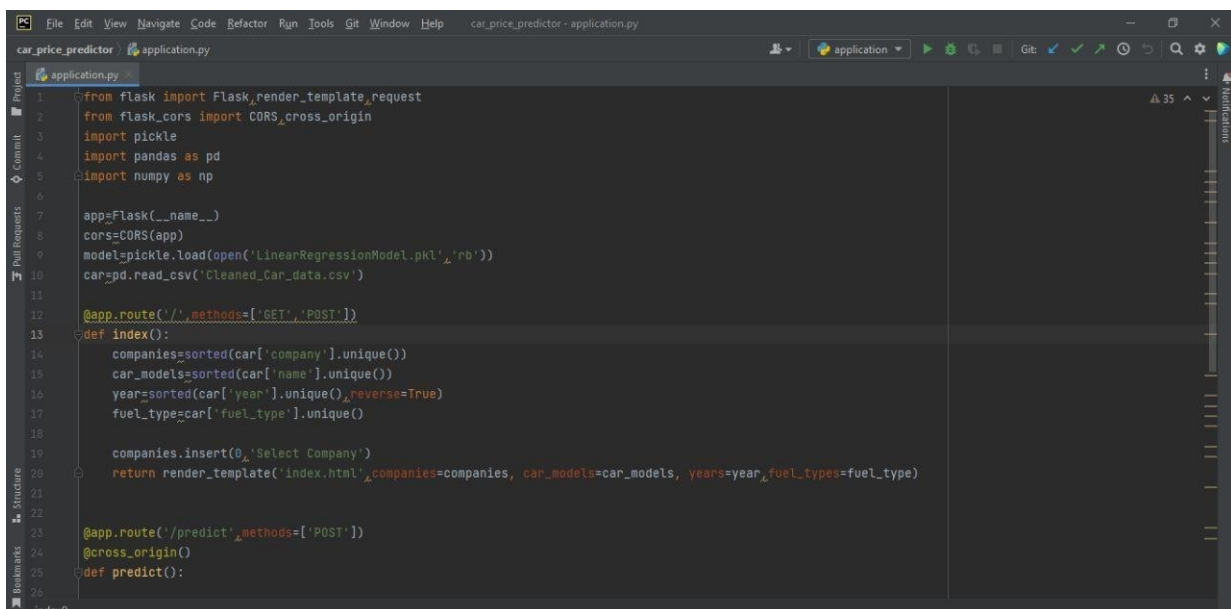
Execute the python code and after the module is running, open the localhost and click on the button to check the prediction.



```

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 = 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
23 @app.route('/predict', methods=['POST'])
24 @cross_origin()
25 def predict():
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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