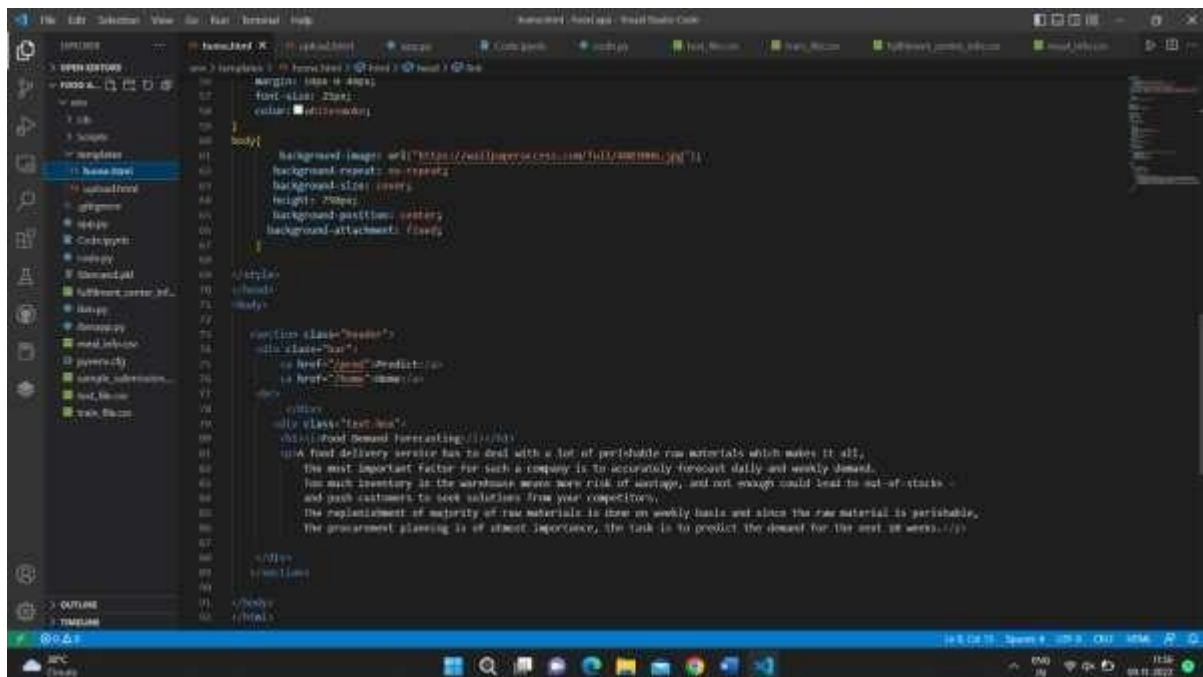
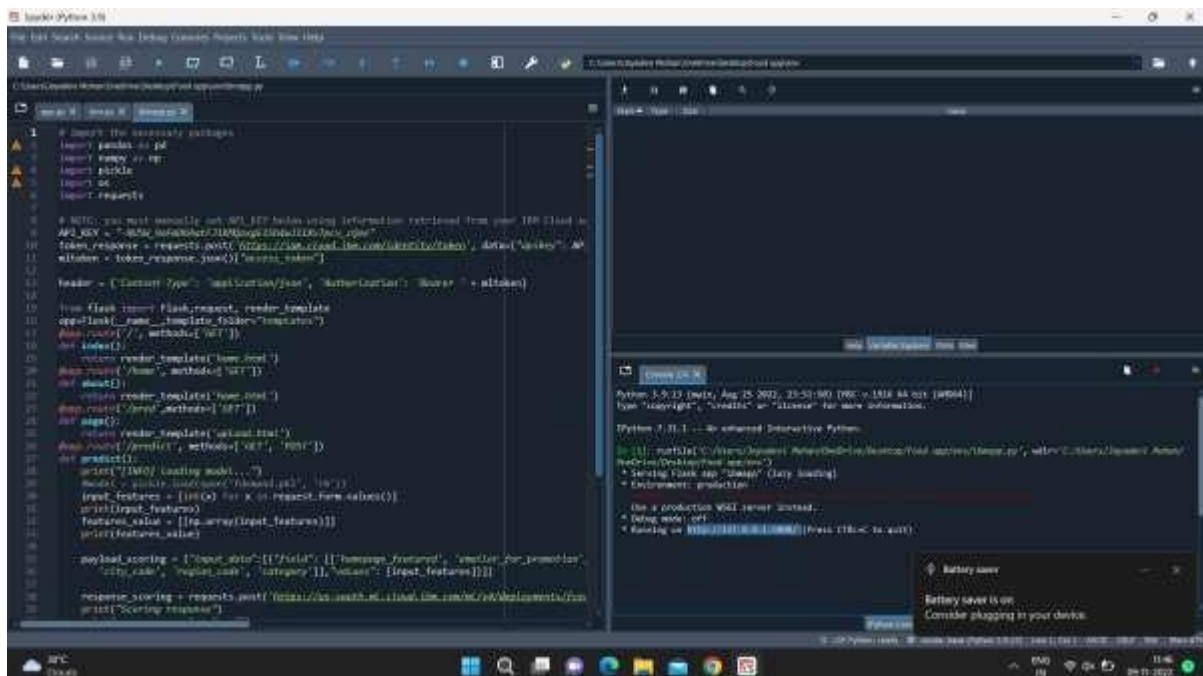


Home.html

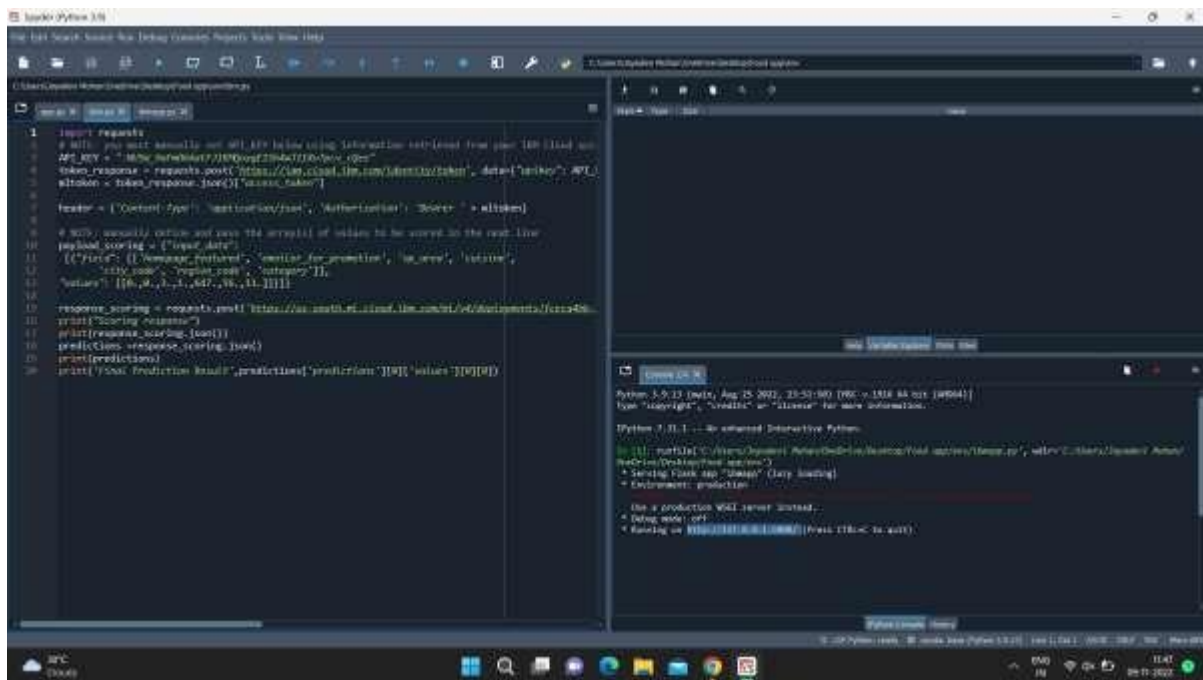


Upload.html

[illegible][illegible]

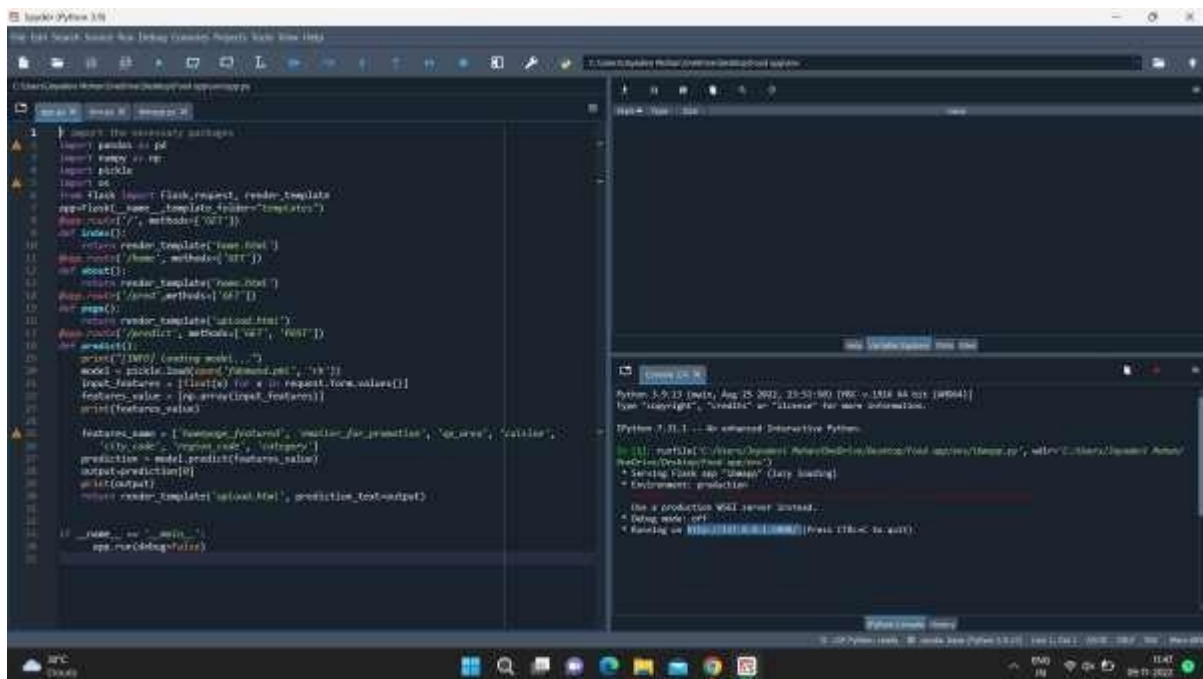


ibm.py



```
1 import requests
2 # API: For each month we get all the values using information returned from your IBM Cloud API
3 API_KEY = "ibm-herokuapp7290b0af2846c710c9e0c0e"
4 token_response = requests.post("https://iam.cloud.ibm.com/identity/token", data={"apikey": API_KEY})
5 token = token_response.json()["access_token"]
6
7 headers = {"Content-Type": "application/json", "Authorization": "Bearer " + token}
8
9 # API: usually return and save the array(s) of values to be stored in the next line
10 payload_scoring = {"input_data":
11 [{"first": [{"name": "feature1", "metric_for_prediction": "ac_ave", "value":
12 "city_code", "region_code", "category": "I"},
13 "values": [{"a": 1, "b": 1, "c": 1, "d": 1, "e": 1, "f": 1}]}]}
14
15 response_scoring = requests.post("https://us-south-01.cloud.ibm.com/ml/v4/deployments/acc446b-
16
17 print("Scoring outcome")
18 print(response_scoring.json())
19 prediction = response_scoring.json()
20 print(prediction)
21 print("Final Prediction Result:", prediction["prediction"][0], "values:", prediction["values"])
```

app.py



```
1 # Import the necessary packages
2 import flask as fl
3 import pickle
4 import os
5
6 from flask import Flask, request, render_template
7 app = flask.Flask(__name__, template_folder='templates')
8 app.config['PICKLE_PATH'] = os.path.join('models', 'model.pkl')
9
10 # Define the route for the home page
11 @app.route('/')
12 def home():
13     return render_template("home.html")
14
15 # Define the route for the scoring page
16 @app.route('/score', methods=['GET'])
17 def score():
18     return render_template("score.html")
19
20 # Define the route for the prediction page
21 @app.route('/predict', methods=['GET', 'POST'])
22 def predict():
23     print("INFO: Loading model...")
24     model = pickle.load(open('models.pkl', 'rb'))
25     input_features = [{"first": [{"name": "feature1", "metric_for_prediction": "ac_ave", "value":
26 "city_code", "region_code", "category": "I"},
27 "values": [{"a": 1, "b": 1, "c": 1, "d": 1, "e": 1, "f": 1}]}]}
28 prediction = model.predict(input_features)
29 output_prediction[0]
30 print(output_prediction)
31
32 return render_template("output.html", prediction_text=output_prediction[0])
33
34 if __name__ == '__main__':
35     app.run(debug=True)
```