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Batch Code : LISUM15

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Submitted to: <>

Notes: I used the material from google drive. This exercise was a bit difficult for me, specially HTML part.

```
1 import numpy as np
2 from flask import Flask, request, render_template
3 import pickle
4
5 app = Flask(__name__)
6 model = pickle.load(open('model.pkl', 'rb'))
7
8 @app.route('/')
9 def home():
10     return render_template('index.html')
11
12 @app.route('/predict', methods=['POST'])
13 def predict():
14     """
15     For rendering results on HTML GUI
16     """
17     int_features = [int(x) for x in request.form.values()]
18     final_features = [np.array(int_features)]
19     prediction = model.predict(final_features)
20
21     output = round(prediction[0], 2)
22
23     return render_template('index.html', prediction_text='House price should be $ {}'.format(output))
24
25 if __name__ == '__main__':
26     app.run(port=5000, debug=True)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\josejesus\Desktop\Glacier\Flask> cd .\Flask\
PS C:\Users\josejesus\Desktop\Glacier\Flask\Flask> python app.py
C:\Users\josejesus\AppData\Local\Programs\Python\Python311\Lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator LinearRegression from version 0.22.1 when using version 1.1.3. This might lead to breaking code or invalid results, use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model\_persistence.html#security-maintainability-limitations
warnings.warn(
\* Serving Flask app 'app'
\* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
\* Running on http://127.0.0.1:5000
Press CTRL+C to quit
\* Restarting with stat
C:\Users\josejesus\AppData\Local\Programs\Python\Python311\Lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator LinearRegression from version 0.22.1 when using version 1.1.3. This might lead to breaking code or invalid results, use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model\_persistence.html#security-maintainability-limitations
warnings.warn(
\* Debugger is active
\* Debugger PIN: 108-315-073

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## Predict House Price

# Predict House Price

<input type="text" value="Number of Rooms"/>	<input type="text" value="Area (in square feet)"/>	<input type="text" value="House Age"/>	<input type="button" value="Predict"/>
--	--	--	--

House price should be \$ 53985.22