```python
[39] # Save the model in HDF5 format
     model.save('model.h5')
```

```python
import numpy as np
from flask import Flask, request, jsonify, ren
import pickle
app = Flask(__name__)
# Import necessary libraries
from tensorflow.keras.models import load_model

#model = pickle.load(open('university.pkl', 'r
```

```python
#load model trained model
# Load your trained model
model = load_model('model.h5')
```

```python
@app.route('/')
def home():
    return render_template('Demo2.html')
```

```python
@app.route('/')
def home():
    return render_template('Demo2.html')


@app.route('/y_predict',methods=['POST'])
def y_predict():
    '''
    For rendering results on HTML GUI
    '''

    #min max scaling
    min1=[290.0, 92.0, 1.0, 1.0, 1.0, 6.8, 0.0]
    max1=[340.0, 120.0, 5.0, 5.0, 5.0, 9.92, 1.0]
    k= [float(x) for x in request.form.values()]
    p=[]
    for i in range(7):
        l=(k[i]-min1[i])/(max1[i]-min1[i])
        p.append(l)
    prediction = model.predict([p])
    print(prediction)
    output=prediction[0]
    if(output==False):
        return render_template('noChance.html', prediction_text='You
    else:
        return render_template('chance.html', prediction_text='You
if __name__ == "__main__":
    app.run(debug=False)
```

```
36              return render_templa
37         else:
38              return render_templa
39     if __name__ == "__main__":
40         app.run(debug=False)
41
```

```
base) D:\TheSmartBridge\Projects\2. DrugClassification
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to d
```

← → C ⓘ localhost:5000

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- ○ Research
- ● NO Research

[Predict]

on