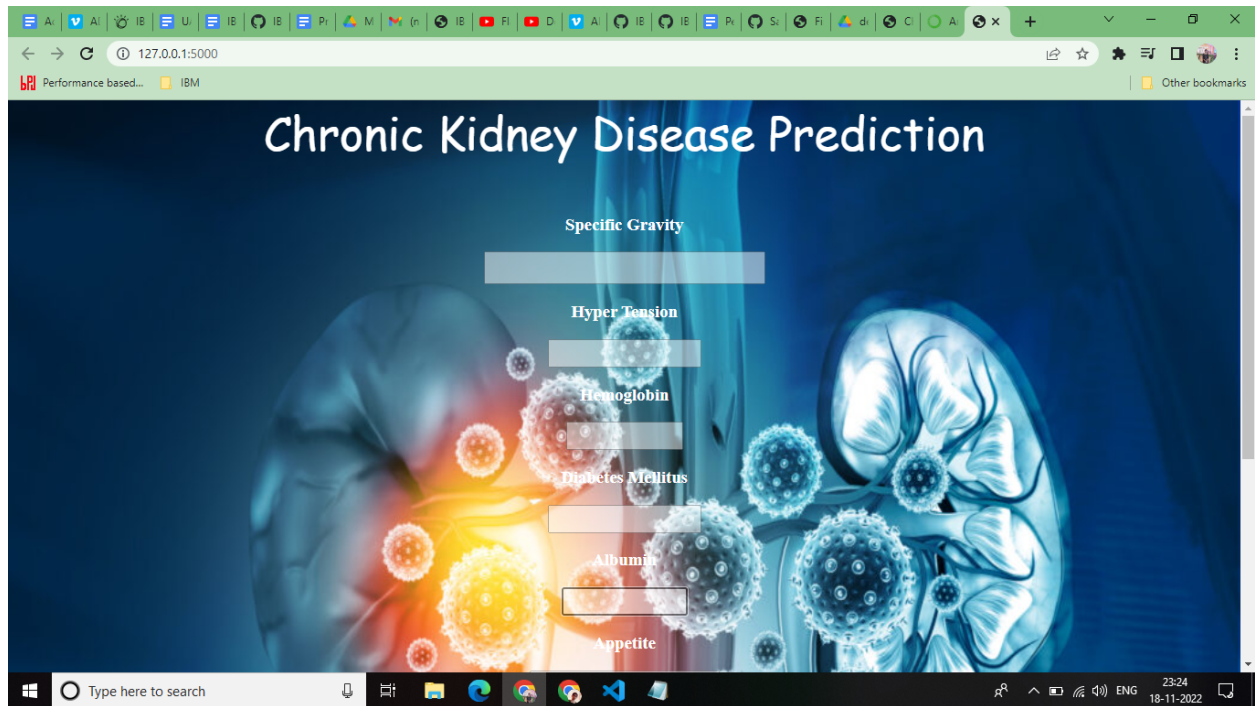


## APPLICATION BUILDING

Date	18 November 2022
Team ID	PNT2022TMID04381
Project Name	Project - Early Detection of Chronic Kidney Disease Using Machine Learning

## CREATE HTML FILES




Chronic Kidney Disease Prediction

Oops! 😞

You have CHRONIC KIDNEY DISEASE.

Please Consult Doctor.



Windows taskbar and browser tabs are visible at the bottom of the screenshot.

## Chronic Kidney Disease Prediction

🎉 Congratulation! 🎉

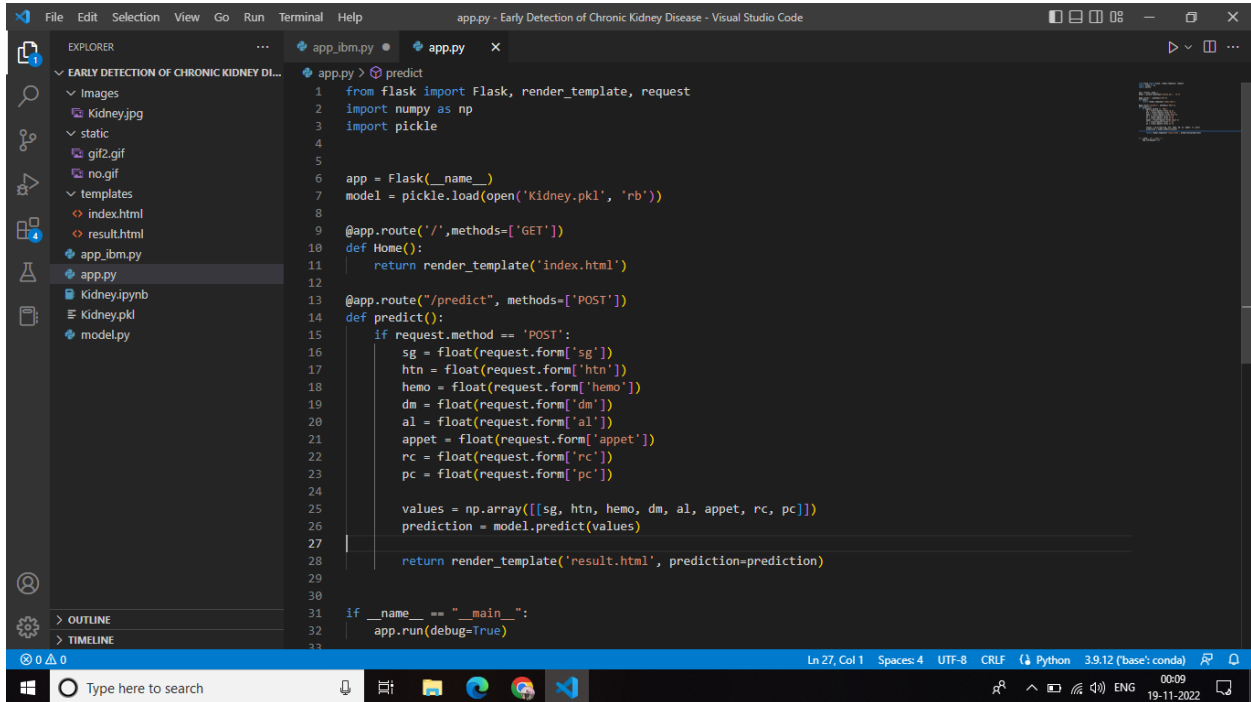
You DON'T have Chronic Kidney Disease.



Live a Healthy Life

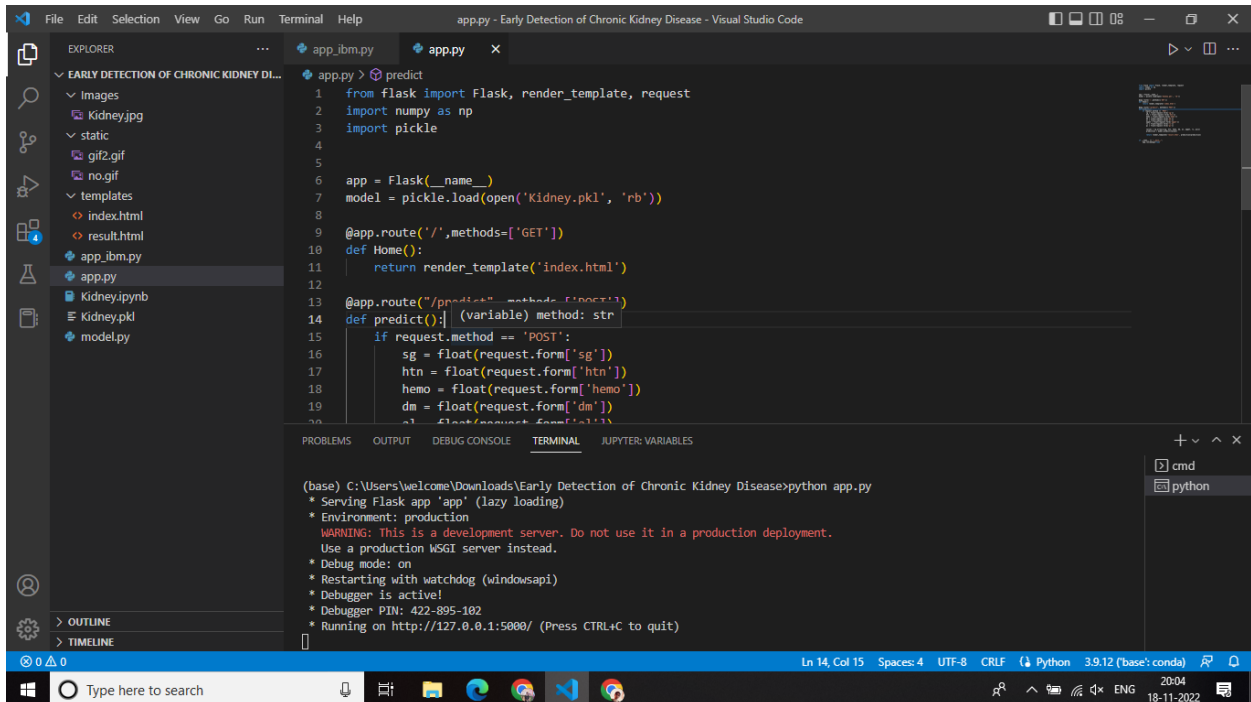
Windows taskbar and browser tabs are visible at the bottom of the screenshot.

## BUILD PYTHON CODE



```
1 from flask import Flask, render_template, request
2 import numpy as np
3 import pickle
4
5
6 app = Flask(__name__)
7 model = pickle.load(open('Kidney.pkl', 'rb'))
8
9 @app.route('/', methods=['GET'])
10 def Home():
11     return render_template('index.html')
12
13 @app.route("/predict", methods=['POST'])
14 def predict():
15     if request.method == 'POST':
16         sg = float(request.form['sg'])
17         htn = float(request.form['htn'])
18         hemo = float(request.form['hemo'])
19         dm = float(request.form['dm'])
20         al = float(request.form['al'])
21         appet = float(request.form['appet'])
22         rc = float(request.form['rc'])
23         pc = float(request.form['pc'])
24
25         values = np.array([[sg, htn, hemo, dm, al, appet, rc, pc]])
26         prediction = model.predict(values)
27
28     return render_template('result.html', prediction=prediction)
29
30
31 if __name__ == "__main__":
32     app.run(debug=True)
```

## RUN THE APP



```
(base) C:\Users\welcome\Downloads\Early Detection of Chronic Kidney Disease>python app.py
* Serving Flask app 'app' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 422-895-102
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```