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import numpy as np
import pandas as pd
from flask import Flask, request, render_template
import pickle as p
app=Flask(__name__)
model=p.load(open('CKD.pk1','rb'))
@app.route('/')
def HOME():
    return render_template('home.html')

@app.route('/index')
def index():
    return render_template('index.html')

@app.route('/predict',methods=['POST'])
def prediction():
    form_value=request.form.values()
    data=[]
    for x in form_value:
        data.append(pd.to_numeric(x).astype(float))
    features_value=[np.array(data)]
    features_name=['age','blood_urea','blood glucose
random','coronary_artery_disease',

'anemia','pus_cell','red_blood_cell','diabetesmellitus','pedal_ede
ma']
    df=pd.DataFrame(features_value, columns=features_name)

    output=model.predict(df)
    if(output==0):
 return render_template('index.html' , pred='Oops!! You have
Kidney Chronic Disease. So, please concern a Doctor')
    else:
        return render_template('index.html' , pred='you are not
affected by Chronic kidney Disease')

if __name__=='__main__':
```

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32 if __name__ == '__main__':
33     app.run(debug=True)
34
```