from flask import Flask, render\_template, request

import pickle

import numpy as np

filename = 'heart-disease-prediction-knn-model.pkl'

model = pickle.load(open(filename, 'rb'))

app = Flask(\_name\_)

@app.route('/')

def home():

return render\_template('main.html')

@app.route('/predict', methods=['GET','POST'])

def predict():

if request.method == 'POST':

age = int(request.form['age'])

sex = request.form.get('sex')

cp = request.form.get('cp')

# trestbps = int(request.form['trestbps'])

chol = int(request.form['chol'])

fbs = request.form.get('fbs')

# restecg = int(request.form['restecg'])

thalach = int(request.form['thalach'])

exang = request.form.get('exang')

oldpeak = float(request.form['oldpeak'])

slope = request.form.get('slope')

ca = int(request.form['ca'])

thal = request.form.get('thal')

smoke = int(request.form['smoke'])

alcohol = int(request.form['alcohol'])

data = np.array([[age,sex,cp,chol,fbs,thalach,exang,oldpeak,slope,ca,thal,smoke,alcohol]])

my\_prediction = model.predict(data)

return render\_template('result.html', prediction=my\_prediction)

if \_name\_ == '\_main\_':

app.run(debug=True)