```
import
numpy
as np
        from flask import Flask,render_template,request
        import pickle

        app = Flask(__name__)
        model = pickle.load(open('wqi.pkl','rb'))
        @app.route('/',methods=['GET'])
        def home():
            return render_template("index.html")
        @app.route('/login',methods = ['POST'])
        def login():
            year = request.form["year"]
            do = request.form["do"]
            ph = request.form["ph"]
            co = request.form["co"]
            bod = request.form["bod"]
            na = request.form["na"]
            tc = request.form["tc"]
            total =
        [[int(year),float(do),float(ph),float(co),float(bod),float(na),float(tc)]]
            y_pred = model.predict(total)
            y_pred = y_pred[0]
            if(y_pred >= 95 and y_pred <=100):
                return render_template("index.html",showcase = "Excellent, The
        Predicted Value is "+str(y_pred))
            elif(y_pred >=89 and y_pred <=94):
                return render_template("index.html",showcase = "Very Good, The
        Predicted Value is "+str(y_pred))
            elif(y_pred >=80 and y_pred <=88):
                return render_template("index.html",showcase = "Good, The Predicted
        Value is "+str(y_pred))
            elif(y_pred>=65 and y_pred<=79):
                return render_template("index.html",showcase = "Fair, The Predicted
        Value is "+str(y_pred))
            elif(y_pred>=45 and y_pred<=64):
                return render_template("index.html",showcase = "Marginal, The Predicted
        Value is "+str(y_pred))
            else:
                return render_template("index.html",showcase = "Poor, The Predicted
        Value is "+str(y_pred))

        if __name__ == '__main__':
            app.run(debug = True,port = 5000)
```