

TEAM ID	PNT2022TMID16214
PROJECT NAME	Efficient Water Quality Analysis & Prediction using Machine Learning

Python code:

```

# predict.css  app.py  predict.html
app.py
1  import flask
2  from flask import request, render_template
3  from flask_cors import CORS
4  import joblib
5  import pickle
6  from datetime import datetime
7  app = flask.Flask(__name__, static_url_path='')
8  CORS(app)
9
10 @app.route('/', methods=['GET'])
11 def sendHomePage():
12     return render_template('index.html')
13
14 @app.route('/predict', methods=['POST'])
15 def predictQuality():
16     temperature=float(request.form['temperature'])
17     do=float(request.form['do'])
18     ph=float(request.form['ph'])
19     conductivity=float(request.form['conductivity'])
20     bod=float(request.form['bod'])
21     ni=float(request.form['ni'])
22     fec_col=float(request.form['fec'])
23     tot_col=float(request.form['tot'])
24     X= [[temperature,do,ph,conductivity,bod,ni,fec_col,tot_col]]
25     print(X)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```

Microsoft Windows [Version 10.0.22000.1219]
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C:\Users\saich\Desktop\deployment_copy1>python app_ibm.py
* Serving Flask app 'app_ibm'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Debugger PIN: 146-057-255

```