CODING

Project Name	Web Phishing Detection
Team ID	PNT2022TMID43023

PROGRAM

```python
import numpy as np

from flask import Flask ,request ,jsonify,render_template

import pickle

app= Flask(__name__)

model = pickle.load(open('phishing_website.pkl','rb'))

@app.route('/prediction')

def prediction():

    return render_template('index.html')

@app.route('/y_predict', methods=['post'])

def y_predict():

    url=request.form['URL']

    checkpredicton = model.predict(checkpredicton)

    print(prediction)

    output=prediction [0]

    if(output==1):

        pred="your are safe!! this is a legitimate website."
```

```python
        else:
            pred="you are on the wrong site. Be cautious!"
    return render_template('index.html',prediction_text='{}'.format(pred),url=url)

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

def predict_api():
    data=request.get_json(force=True)
    prediction = model.y_predict ([np.array(list(data.values()))])
 output=prediction[0]
    return jsonify(output)

if __name__=='__main__':
    app.run(host='0.0.0.0',debug=True)
```