CODING

Project Name	Web phishing detection
Team ID	PNT2022TMID43023

HTML CODING:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>LOGIN PASSWORD VALIDATION | PRAROZ TUTORIAL</title>

   <link rel="stylesheet" href="css/stylec.css">
   <script src="js/validc.js"></script>

</head>
<body>
   <div class="form">
      <h1>LOGIN HERE</h1>
      <p>Username :</p>
      <input type="text" name="" placeholder="Name Here">
      <p>Password :</p>
      <input type="password" name="" placeholder="Password Here" id="pass">
      <input type="checkbox" onclick="myfunction()">
```

```
        <input type="submit" name="" value="LOGIN"
onclick="validate()">
    </div>

    <div>
        <p id="length"></p>
    </div>



</body>
</html>
```

CSS FILE:

```
*{
    margin: 0;
    padding: 0;
    font-family: sans-serif;
}

body{
    background: linear-gradient(rgba(0,0,0,0.4)50%,rgba(0,0,0,0.4)50%),
url(https://blog.knowbe4.com/hubfs/iStock-1253294358.jpg);
    background-position: center;
    background-size: cover;
    height: 100vh;
}
```

```
.form{
    width: 250px;
    height: 330px;
    color: #fff;
    background: linear-gradient(to top,
rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%,-50%);
    padding: 40px 25px;
    border-radius: 10px;
}

.form h1{
    width: 220px;
    text-align: center;
    padding-left: 11px;
    font-size: 35px;
    color: #66ff00;
    margin-bottom: 20px;
}

.form p{
    padding-bottom: -15px;
}

.form input{
```

```
    width: 100%;
    height: 35px;
    padding-top: 5px;
    margin-bottom: 30px;
    background: transparent;
    border-bottom: 1px solid #fff;
    border-top: none;
    border-left: none;
    border-right: none;
    color: #fff;
    outline: none;
    font-size: 15px;
    letter-spacing: 1px;
}

.form input[type="submit"]
{
    width: 60%;
    margin-left: 50px;
    border: none;
    height: 40px;
    color: #000;
    background: #fff;
    font-size: 16px;
    font-weight: bold;
    border-radius: 15px;
}
```

```
.form input[type="submit"]:hover{
    cursor: pointer;
    background: #66ff00;
    color: #fff;
    font-weight: bold;
}
```

INTEGRATE WITH FLASK:

```
# -- coding: utf-8 --
"""
Created on Wed Nov 16 11:43:43 2022

@author: PC
"""
import requests

import flask
from flask import request, render_template
from flask_cors import CORS
import requests

# NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
API_KEY = "J_pW3eB69-mca4WRoz3Zmv0Uz6tlRBnSUepP7E8lynoc"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey": API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
```

```
mltoken = token_response.json()["access_token"]


header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}



app = flask.Flask(_name_, static_url_path='')
CORS(app)
@app.route('/', methods=['GET'])
def sendHomePage():
    return render_template('index.html')
@app.route('/predict', methods=['POST'])
def predict():
    url=(request.form['URL'])
    x = [('URL')]
    payload_scoring = {"input_data":[{"field":[['URL']],"values":x}]}
    response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/cadee2eb-fb21-4634-9d08-2bd9b2e45a10/predictions?version=2022-11-14', json=payload_scoring, headers={'Authorization': 'Bearer ' + mltoken})
    print(response_scoring)
    predictions = response_scoring.json()
    predict = predictions['predictions'][0]['values'][0][0]
    print("Final prediction :",predict)


    # showing the prediction results in a UI# showing the prediction results in a UI
    return render_template('predict.html', predict=predict)
```

```
if _name_ == '_main_' :
    app.run(debug= False)
```