Assignment - 2

Date	03 October 2022
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Team ID	PNT2022TMID32888
Project Name	Project - Skill and Job Recommender
Maximum Marks	4 Marks

QUESTION

Connect the python with DB2.

Program:

first.py

```
from flask import Flask,render_template,request

import ibm_db


app=Flask(__name__)


app.secret_key='a'


conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=nmc63120;PWD=BC9ub7wWLk2Yb8fM;","","")


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

```python
def home():
    return render_template('index.html')


@app.route('/result',methods=['POST','GET'])
def result():
    if request.method=='POST':
        msg = ''
        username=request.form['username']
        print(username)
        email=request.form['email']
        password=request.form['password']
        insert_sql="INSERT INTO demo VALUES(?,?,?)"
        prep_stmt=ibm_db.prepare(conn,insert_sql)
        ibm_db.bind_param(prep_stmt,1,username)
        ibm_db.bind_param(prep_stmt,2,email)
        ibm_db.bind_param(prep_stmt,3,password)
        ibm_db.execute(prep_stmt)
        msg=username
        return render_template('home.html',msg=msg)
if __name__ == '__main__':
    app.run(debug=True)
```

index.html

```html
<!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>Register</title>
</head>
<body>
    <div class="form">
        <form action="http://localhost:5000/result" method="post">
            <label for="email">Email :</label><br>
            <input type="email" id="email" name="email"/><br><br>


            <label for="username">Username :</label><br>
            <input type="text" id="username" name="username"/><br><br>


            <label for="password">Password :</label><br>
            <input type="password" id="password" name="password"/><br><br>
```
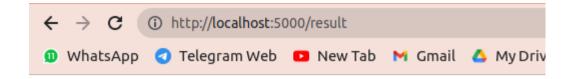
```html
            <input type="submit" value="Submit"/>

        </form>

    </div>

</body>

</html>
```

home.html

```html
<!DOCTYPE html>

<html>

<head>

    <title>Welcome</title>

</head>

<body>

    <h1>Hello, {{ username }}

    </h1>

</body>

</html>
```


OUTPUT

Email :

nandhini@g.com

Username :

Nandhini

Password :

•••••

Submit

Hello, Nandhini

NMC63120.DEMO

USERNAME	PASSWORD	EMAIL
Nandhini	nandhini@g.com	nandy