

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'])
```

```
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(prepare_stmt,1,username)  
        ibm_db.bind_param(prepare_stmt,2,email)  
        ibm_db.bind_param(prepare_stmt,3,password)  
        ibm_db.execute(prepare_stmt)  
        msg=username  
        return render_template('home.html',msg=msg)  
if __name__ == '__main__':  
    app.run(debug=True)
```

index.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>

    </form>

  </div>

</body>

</html>
```

```
        <input type="submit" value="Submit"/>
```

```
    </form>
```

```
</div>
```

```
</body>
```

```
</html>
```

home.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Welcome</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Hello, {{ username }}</h1>
```

```
</body>
```

```
</html>
```

OUTPUT

← → ↻ ⓘ http://localhost:5000


 WhatsApp  Telegram Web  New Tab  Gmail  My Drive  Google Keep  GitHub  LinkedIn

Email :

Username :

Password :

← → ↻ ⓘ http://localhost:5000/result

 WhatsApp  Telegram Web  New Tab  Gmail  My Drive  Google Keep  GitHub 

Hello, Guru

NMC63120.DEMO

USERNAME	PASSWORD	EMAIL
Guru	guru@gmail.com	guru