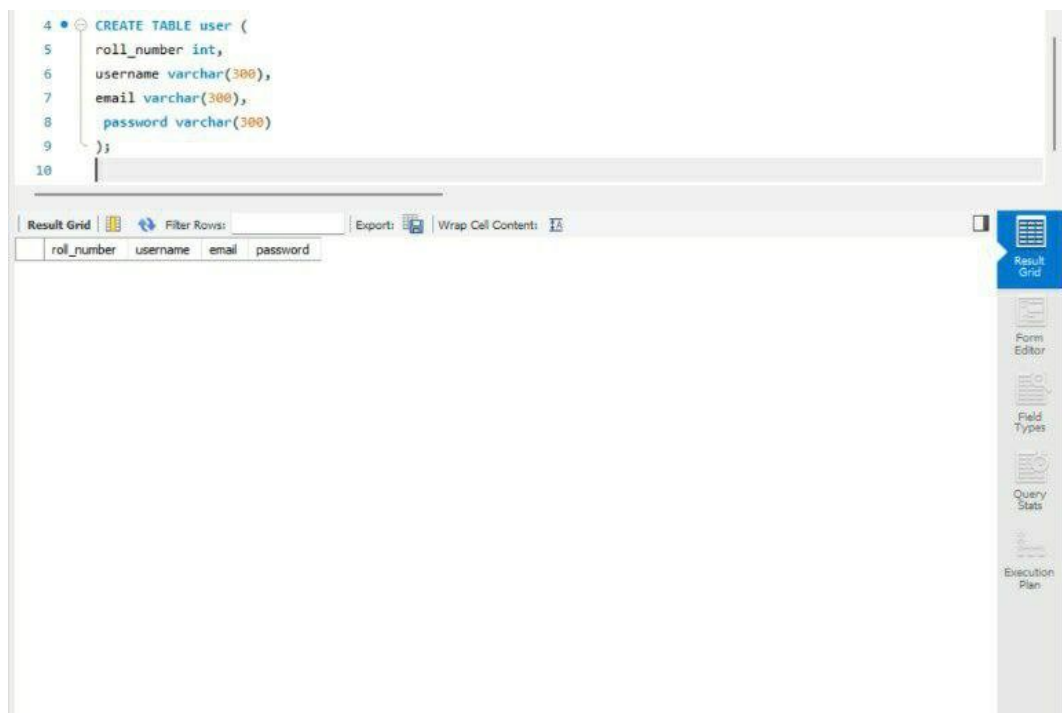


Assignment -2

1.Create User table with email, username, roll number, password.

```
CREATE TABLE user (  
  roll_number int,  
  username varchar(300),  
  email varchar(300),  
  password varchar(300)  
);
```



2.Perform UPDATE, DELETE Queries with user table INSERT Statement:

INSERT INTO user

```
( roll_number, username ,email, password) VALUES (1, 'Tharma',  
'Tharma@gmail.com','thar123'),  
(2, 'Shyam', 'shyam@gmail.com','shyam345'),  
(3, 'Veera', 'veera@gmail.com','veera567'),  
(4, 'Vignesh', 'vignesh@gmail.com','vignesh789');
```

```
13 * INSERT INTO user
14 ( roll_number, username ,email, password) VALUES (1, 'Tharma', 'Tharma@gmail.com','thar123'),
15 (2, 'Shyam', 'shyam@gmail.com','shyam345'),
16 (3, 'Veera', 'veera@gmail.com','veera567'),
17 (4, 'Vignesh', 'vignesh@gmail.com','vignesh789');
18
```

roll_number	username	email	password
1	Tharma	Tharma@gmail.com	thar123
2	Shyam	shyam@gmail.com	shyam345
3	Veera	veera@gmail.com	veera567
4	Vignesh	vignesh@gmail.com	vignesh789

UPDATE Statement:

UPDATE users

SET username = 'shyam chander'

WHERE roll_number = '2'

```
19 • UPDATE user
20 SET username = 'shyam chander'
21 WHERE roll_number = '2';
22
```

	roll_number	username	email	password
1		Tharma	Tharma@gmail.com	thar123
2		shyam chander	shyam@gmail.com	shyam345
3		Veera	veera@gmail.com	veera567
4		Vignesh	vignesh@gmail.com	vignesh789

insert into users values(5,'abc','abc@gmail.com','abc012') ;

```
24
25 • insert into user values(5,'abc','abc@gmail.com','abc012') ;
26
27
28
29
```

	roll_number	username	email	password
1		Tharma	Tharma@gmail.com	thar123
2		shyam chander	shyam@gmail.com	shyam345
3		Veera	veera@gmail.com	veera567
4		Vignesh	vignesh@gmail.com	vignesh789
5		abc	abc@gmail.com	abc012

DELETE Statement:

delete from users

where roll_number='5'

```

29
30 • delete from user
31 where roll_number='5';
32
33
34
35

```

Result Grid			
Filter Rows:			
Export:			
Wrap Cell Content:			
roll_number	username	email	password
1	Thama	Thama@gmail.com	thar123
2	shyam chander	shyam@gmail.com	shyam345
3	Veera	veera@gmail.com	veera567
4	Vignesh	vignesh@gmail.com	vignesh789

3.Connect python code to db2.

```

conn=ibm_db.connect("DATABASE=BLUDB;
HOSTNAME=dashdb-txn-sbox-yp-dal09-04.services.dal.bluemix.net;
PORT=50000;;UID=DB2USER;PWD=db2password;",",")

```

4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to

login page. Authenticate user with username and password. If the user is valid show the welcome page.

login.html

```
<html>
<html>
  <head>
    <meta charset="UTF-8">
    <title> Login </title>
    <link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">
  </head>
  <body></br></br></br></br></br>
    <div align="center">
      <div align="center" class="border">
        <div class="header">
          <h1 class="word">Login</h1>
        </div></br></br></br>
        <h2 class="word">
          <form action="{{ url_for('login') }}" method="post">
            <div class="msg">{{ msg }}</div>

            <input id="username" name="username" type="text"
placeholder="Enter Your Username" class="textbox"/></br></br>

            <input id="password" name="password" type="password"
placeholder="Enter Your Password" class="textbox"/></br></br></br>

            <input type="submit" class="btn" value="Sign In"></br></br>

          </form>
```

```
</h2>

    <p class="bottom">Don't have an account? &nbsp;<a class="bottom"
href="{ { url_for('register') } }"> Sign Up here</a></p>

</div>

</div>

</body>

</html>
```

register.html

```
<html>

    <head>

        <meta charset="UTF-8">

        <title> Register </title>

        <link rel="stylesheet" href="{ { url_for('static', filename='style.css') } }">

    </head>

    <body></br></br></br></br></br>

        <div align="center">

            <div align="center" class="border">

                <div class="header">

                    <h1 class="word">Register</h1>

                </div></br></br></br>

                <h2 class="word">

                    <form action="{ { url_for('register') } }" method="post">

                        <div class="msg">{ { msg } }</div>

                        <input id="username" name="username" type="text"
placeholder="Enter Your Username" class="textbox"/></br></br>

                        <input id="password" name="password" type="password"
placeholder="Enter Your Password" class="textbox"/></br></br>
```

```
<input id="email" name="email" type="text" placeholder="Enter  
Your Email ID" class="textbox"/></br></br>
```

```
<input type="submit" class="btn" value="Sign Up"></br>
```

```
</form>
```

```
</h2>
```

```
<p class="bottom">Already have an account? &nbsp;<a class="bottom"  
href="{{ url_for('login')}}" "> Sign In here</a></p>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

index.html

```
<html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title> Index </title>
```

```
<link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">
```

```
</head>
```

```
<body></br></br></br></br></br>
```

```
<div align="center">
```

```
<div align="center" class="border">
```

```
<div class="header">
```

```
<h1 class="word">Index</h1>
```

```
</div></br></br></br>
```

```
<h1 class="bottom">
```

Hi {{session.username}}!!</br></br> Welcome to the index
page...

```
</h1></br></br></br>
<a href="{{ url_for('logout') }}" class="btn">Logout</a>
</div>
</div>
</body>
</html>
```

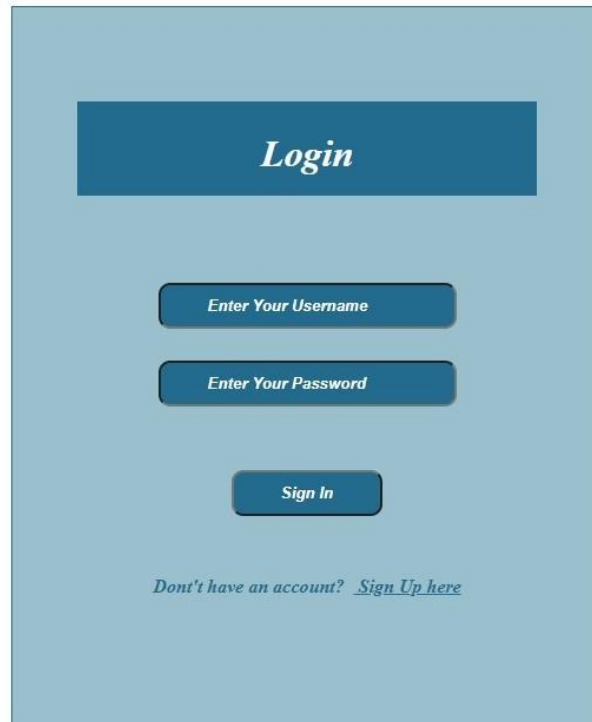
style.css

```
.header{
    padding: 5px 120px;
    width: 150px;
    height: 70px;
    background-color: #236B8E;
}
.border{
    padding: 80px 50px;
    width: 400px;
    height: 450px;
    border: 1px solid #236B8E;
    border-radius: 0px;
    background-color: #9AC0CD;
}
.btn {
    padding: 10px 40px;
    background-color: #236B8E;
    color: #FFFFFFF;
```



```
    font-style: oblique;
    font-weight: bold;
    border-radius: 10px;
}
.textbox{
    padding: 10px 40px;
    background-color: #236B8E;
    text-color: #FFFFFF;
    border-radius: 10px;
}
::placeholder {
    color: #FFFFFF;
    opacity: 1;
    font-style: oblique;
    font-weight: bold;
}
.word{
    color: #FFFFFF;
    font-style: oblique;
    font-weight: bold;
}
.bottom{
    color: #236B8E;
    font-style: oblique;
    font-weight: bold;
}
```

Output:



A login form UI mockup with a light blue background. At the top, a dark blue rectangular box contains the word "Login" in a white, italicized serif font. Below this, there are three dark blue rounded rectangular input fields, each with white italicized text: "Enter Your Username", "Enter Your Password", and "Sign In". At the bottom, the text "Don't have an account? [Sign Up here](#)" is displayed in a small, italicized serif font, with the link underlined.

Login

Enter Your Username

Enter Your Password

Sign In

Don't have an account? [Sign Up here](#)

Register

Enter Your Username

Enter Your Password

Enter Your Email ID

Sign Up

Already have an account? [Sign In here](#)

Register

You have successfully registered!

Enter Your Username

Enter Your Password

Enter Your Email ID

Sign Up

Already have an account? [Sign In here](#)

Index

Hi user!!

Welcome to the index page...

[Logout](#)

Login

Incorrect username/password!

Enter Your Username

Enter Your Password

[Sign In](#)

Don't have an account? [Sign Up here](#)