

```
CREATE TABLE user ( roll
number int, username
varchar(300), email
varchar(300), password
varchar(300)
```

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number int, username
varchar(300), email
varchar(300), password
varchar(300)
```

#### Output

SQL query successfully executed. However, the result set is empty.

Perform UPDATE, DELETE Queries with user table

INSERT INTO user(roll\_number, username ,email, password) VALUES

```
(1, 'Sivaprasad','sivaprasad@gmail.com','sivaprasad05'),(2,
'Rohit',rohit@gmail.com','rohit04'),
(3,'Brunisha',brunisha@gmail.com','brunisha06'),(4, 'Divyadharshini','divyar@gmail.com',divya 19');
```

## Input

Run  
SQL

Online SQL Editor to Run SQL Online.

Use the editor to create new tables, insert data and all other SQL operations .

```
INSERT INTO user(roll number, username , email, password) VALUES
```

```
(1, 'Sivaprasad ' , ' sivaprasad@gmail.com
```

```
'sivaprasad5' (2, 'Rohit' ,
```

```
(3, 'rajamaideen' , 'rajamaideen@gmail.com' , 'rajamaideen'
```

```
(4, 'shivakumar' , 'shivakumar@gmail.com' , 'shivakumar'
```

## Output

SQL query successfully executed. However, the result set is empty.

```
UPDATE
```

```
UPDATE user
```

```
SET username = 'Sivaprasad'
```

```
WHERE roll number = 2;
```

```
INSERT INTO user(roll_number, username , email, password) VALUES
```

```
(1, 'Sivaprasad' , 'sivaprasad@gmail.com' , 'sivaprasad' 5
```

```
(2, 'Rohit' , 'rohit@gmail.com' , 'rohit04'
```

```
(3, 'rajamaideen' , 'rajamaideen@gmail.com' , 'rajamaideen'
```

```
(4, 'shivakumar' , 'shivakumar@gmail.com' , 'shivakumar');
```

```
UPDATE user
```

```
SET username='sivaprasad'
```

Statement:

WHERE roll number: 2;

Output

SQL query successfully executed. However, the result set is empty.

User

roll_number	username	email	password
1	Sivaprasad	sivaprasad@gmail.com	sivaprasad05
2	Rohit	rohitkannan@gmail.com	rohit04
3	Rajamaideen	Rajamaideen@gmail.com	brunisha06
4	Shivakumar	Shivakumar@gmail.com	divya19

Cinthamani  
Brunisha  
Divyadharshini

Statement:

Insert

```
INSERT INTO users VALUES(5,'aa','bcd@gmail.com','bbcd');
```

## Input

```
INSERT INTO user( roll number, username , email, password
VALUES
(1, 'Sivaprasad ' , ' sivaprasad@gmail.com , 'sivaprasad05
(2, 'Rohit' , rohit@gmail.com' , ' rohit@4 ' (3, ' rajamaideen ' ,
'rajamaideen@gmail . ccom'.
```

roll_number	username	email	password
1	Sivaprasad	sivaprasad@gmail.com	cinthu05
2	Rohitkanna	rohitkanna@mail.com	brindha04
3	Rajamaideen	Rajamaideen@gmail.com	brunisha06
4.	Shiva Kumar.	Shivakumar@gmail.com	

UPDATE user

SET username= ' Sivaprasad '

WHERE roll number=2;

```
INSERT INTO user VALUES(5, 'aa , ' bcd@gmail . com' , 'bbcd ');
```

## Output

SQL query successfully executed. However, the result set is empty.

User

DELETE

Delete from user where roll number='5';

## Input

```
INSERT INTO user (roll_number, username , email, password
VALUES
(1, 'Sivaprasad ' , ' sivaprasad@gmail . com' , ' sivaprasad5' );
(2, ' Rohit ' , ' rohit@gmail . com' , ' rohite4' );
(3, 'rajamaideen', rajamaideen@gmail.com',
(4, 'shivakumar' , 'shivakumar@gmail . com' , 'shiva ' );
```

Cinthamani

Brunisha

Divyadharshini

Statement:

```
PPDATE user
```

```
SET username= ' Sivaprasad '
```

```
WHERE roll number=2;
```

```
INSERT INTO user VALUES(5, 'aa ' , 'bcd@gmail.com', 'bbcd');
```

```
DELETE FROM USER WHERE roll number=5;
```

## Output

SQL query successfully executed. However, the result set is empty.

User

roll_number	username	email	password
1	Sivaprasad	sivaprasad@gmail.com	sivaprasad05
2	Rohit	rohit@gmail.com	rohit04
3	Rajamaideen	Rajamaideen@gmail.com	Rajamaideen06
4	Shivakumar	Shiva Kumar@gmail.com	Shivakumar

Connect python with db2

```
Conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-
```

Cinthamani

Brunisha

Divyadharshini



Statement:

9991-

629c01b3832d.bs2i090108kqb10d81cg.databases.appdomain.cloud;PORT=3011 9;SE

CURITY=SSL

;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=lvq43963;PWD=BsnsG112s

BglRhVN",',")

From flask import Flask, render\_template, request, redirect, url\_for, session

From flask\_mysqlldb import MySQL

Import MySQLdb.cursors

Import reapp = Flask(\_name\_)

App.secret\_key = 'your secret key'

App.config['MYSQL\_HOST'] = 'localhost'

App.config['MYSQL\_USER'] = 'root'

App.config['MYSQL\_PASSWORD'] = 'your password'

Sivaprasad Rohit

Raja

=  
Shiva Kumar

```
App.config['MYSQL_DB'] 'geeklogin'
```

```
Mysql = MySQL(app)
```

```
@app.route('/')
```

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

```
Def login():
```

```
Msg = "if request.method == 'POST' and 'username' in request.form and
```

```
'password' in Request.form:
```

```
Username = request.form['username']
```

```
Password = request.form['password']
```

```
Cursor = mysql.connection.cursor( MySQLdb.cursors. DictCursor)
```

```
Cursor.execute('SELECT * FROM accounts WHERE username = % s AND  
password
```

```
= % s', (username, password, ))
```

```
Account = cursor.fetchone()
```

```
If account:
```

```
Session['loggedin'] = True
```

```
Session['id'] account['id']
```



=  
Session['username'] = account['username']

Msg = 'Logged in successfully !' Return

render\_template('index.html', msg = msg)

Else:

Msg = 'Incorrect username / password !'

Return render\_template('login.html', msg = msg)

@app.route('/logout')

Def logout():

Session.pop('logged\_in', None)

Session.pop('id', None)

Session.pop('username', None)

Return redirect(url\_for('login')) @app.route('/register', methods =CGET, 'POST'))

Def register():

Msg "

If request.method == 'POST' and 'username' in request.form and 'password' in request.form

And 'email' in request.form :

Username = request.form['username']

Password = request.form['password']

=  
Email = request.form['email']

Cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)

Cursor.execute(CSELECT \* FROM accounts WHERE username = % s', (username, ))

Account = cursor.fetchone()

If account:

Msg = 'Account already exists !'

Elif not re.match(r'^@[^\@]+\.[^\@]+' ,email):

Msg = 'Invalid email address !'

Elif not re. match(r'[A-Za-z0-9]+' , username):

Msg = 'Username must contain only characters and

numbers !' Elif not username or not password or not

email:

Msg = 'Please fill out the form !'

Else: s)',

Cursor.execute('INSERT INTO accounts VALUES (NULL,  
% s, % s, %

(username, password, email, ))

Mysql.connection.commit()

Msg = 'You have successfully registered !'

Elif request.method 'POST':

Msg = (Please fill out the form !'

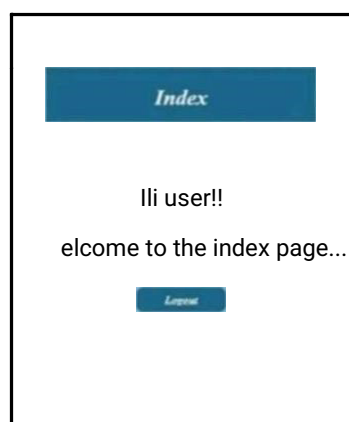
Return render\_template('register.html', msg = msg)



A registration form titled "Register" in a blue header. It contains three input fields with placeholder text: "Enter Your Username", "Enter Your Password", and "Enter Your Email ID". Below these is a "Sign Up" button. At the bottom, there is a link: "Already have an account? [Sign In here](#)".



A login form titled "Login" in a blue header. It contains two input fields with placeholder text: "Enter Your Username" and "Enter Your Password". Below these is a "Sign In" button. At the bottom, there is a link: "Don't have an account? [Sign Up here](#)".



An index page titled "Index" in a blue header. It displays the text "Ili user!!" and "elcome to the index page...". Below the text is a "Logout" button.

