Assignment -2

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| Assignment Date | 19 September 2022 |
| Student Name | DHINESH M |
| Student Register Number | AC19UEC033 |
| Maximum Marks | 2 Marks |

# Create user table with user with email, username, roll number, password

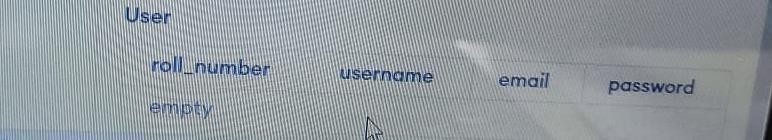
CREATE TABLE user (

roll\_number int, username varchar(300), email varchar(300),

password varchar(300)

);

**OUTPUT:**



# Perform UPDATE, DELETE Queries with user table

**INSERT Statement:** INSERT INTO user

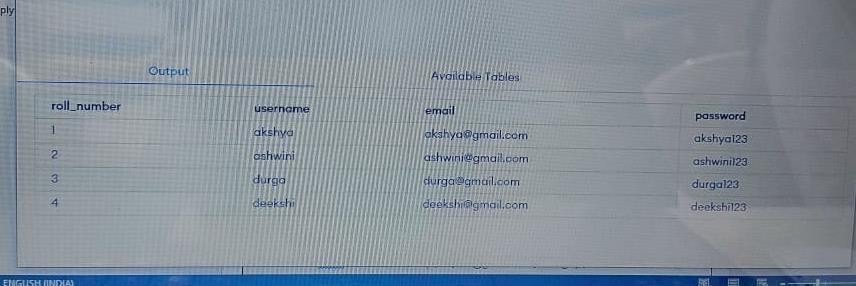
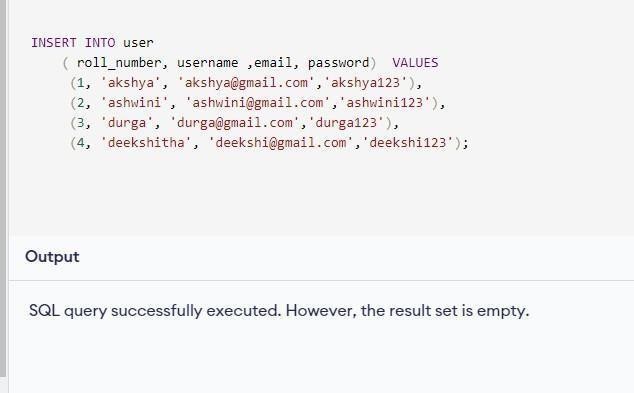
(roll\_number, username, email, password) VALUES (1, 'akshya', 'akshya@gmail.com','akshya123'),

(2, 'ashwini', 'ashwini@gmail.com','ashwini123'),

(3, 'durga', 'durga@gmail.com','durga123'),

(4, 'deekshitha', 'deekshi@gmail.com','deekshi123');

## OUTPUT:

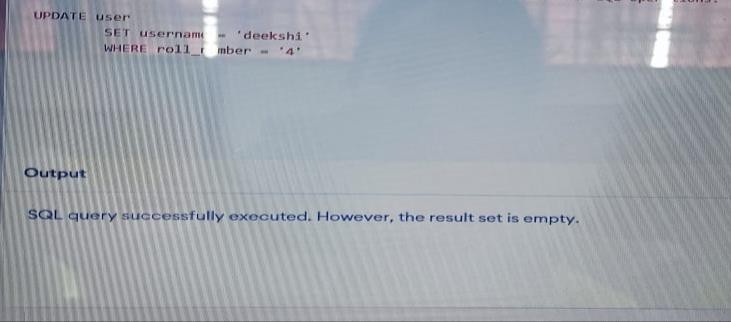


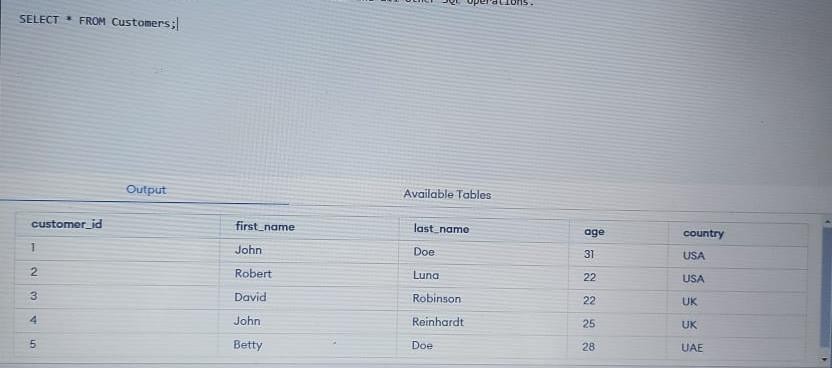
**UPDATE Statement:**

UPDATE user

SET username = 'deekshi' WHERE roll\_number = '4'

## OUTPUT:

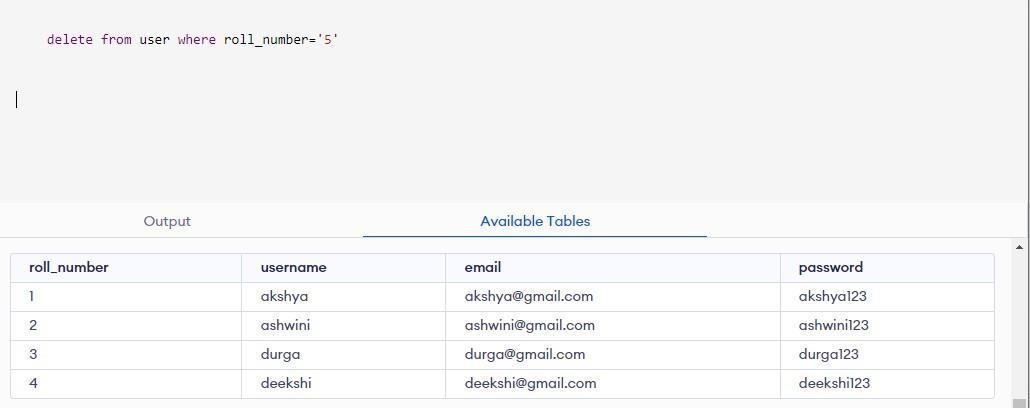




**DELETE Statemnet:**

insert into user values(5,'aa','aaa@gmail.com','aasdfg2') ; delete from users where roll\_number='5'

## OUTPUT:



1. **Connect python with db2**

conn = ibm\_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991- 629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SECUR ITY=SSL

;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=lvq43963;PWD=BsnsG1l2sBgI RhVN",' ','')

from flask import Flask, render\_template, request, redirect, url\_for, session from flask\_mysqldb 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' 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('loggedin', None) session.pop('id', None) session.pop('username', None) return redirect(url\_for('login'))

@app.route('/register', methods =['GET', '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('SELECT \* 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:

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

## OUTPUT:

