Assignment -2

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| --- | --- |
| Team Id | PNT2022TMID29528 |
| Student Name | A.PRAVEENA |
| Roll\_Number | 510419106019 |

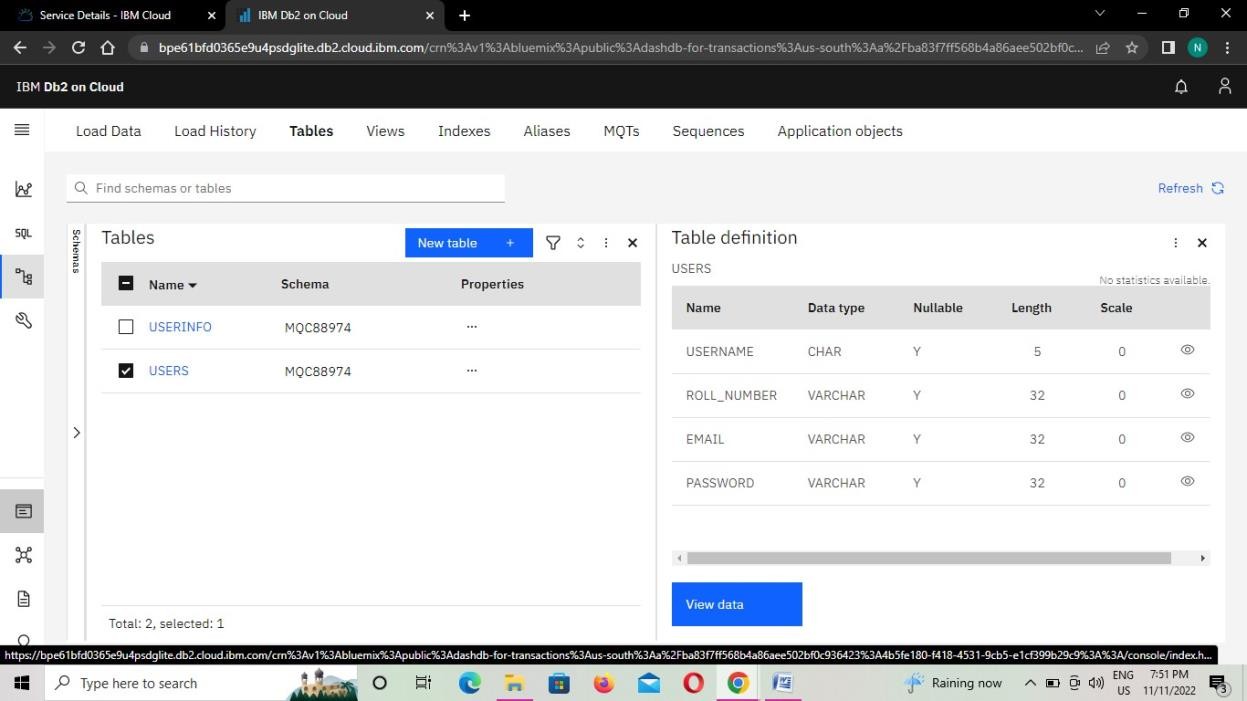
1. Create user table with user email,username,password,roll no
2. perform update ,delete queries with user table 3.connect python code to database2

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 username amnd password.if the user is valid show the welcome page

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

CREATE TABLE user (

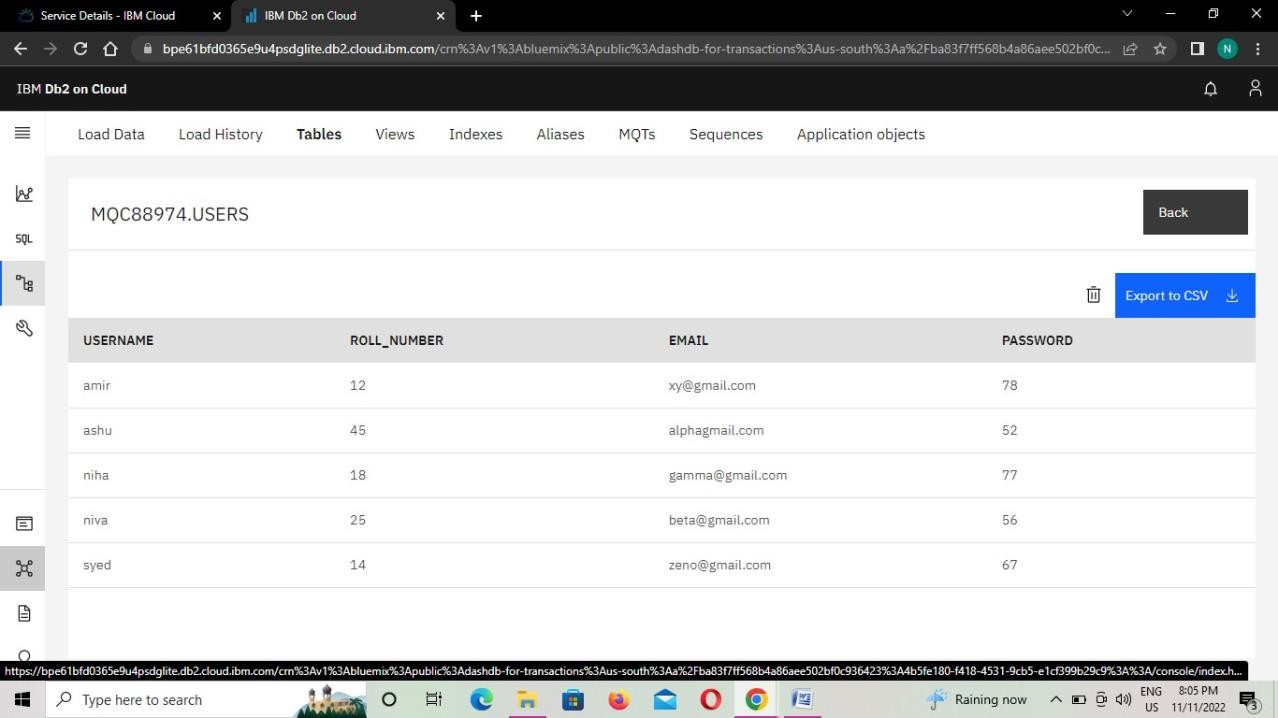
username char,roll\_number varchar(32),email varchar(32), password varchar(32))



1. perform UPDATE , DELETE Queries with user table.

**INSERT Statement:**

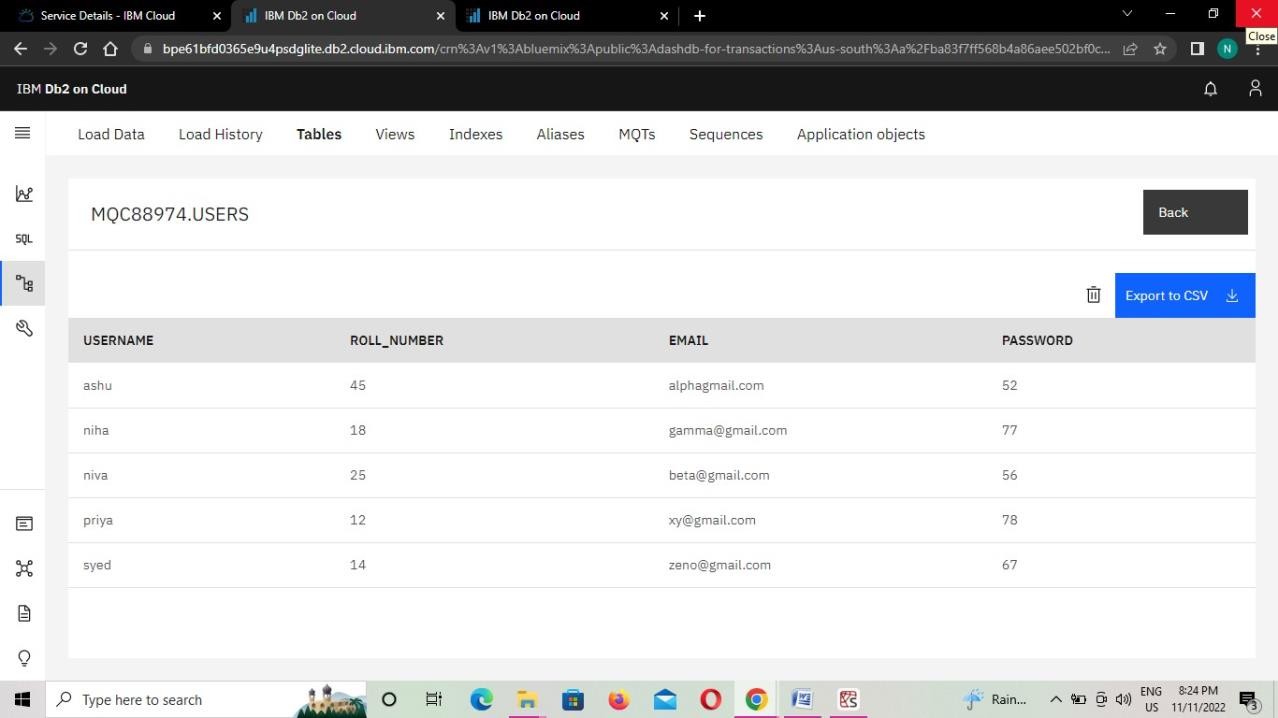
insert into users values('niha',18,'gamma@gmail.com',72); insert into users values('amir',12,'xy@gmail.com',78); insert into users values('syed',14,'zeno@gmail.com',67); insert into users values('niva',25, 'beta@gmail.com',56); insert into users values('ashu',45,'alphagmail.com',52);



UPDATE Statement:

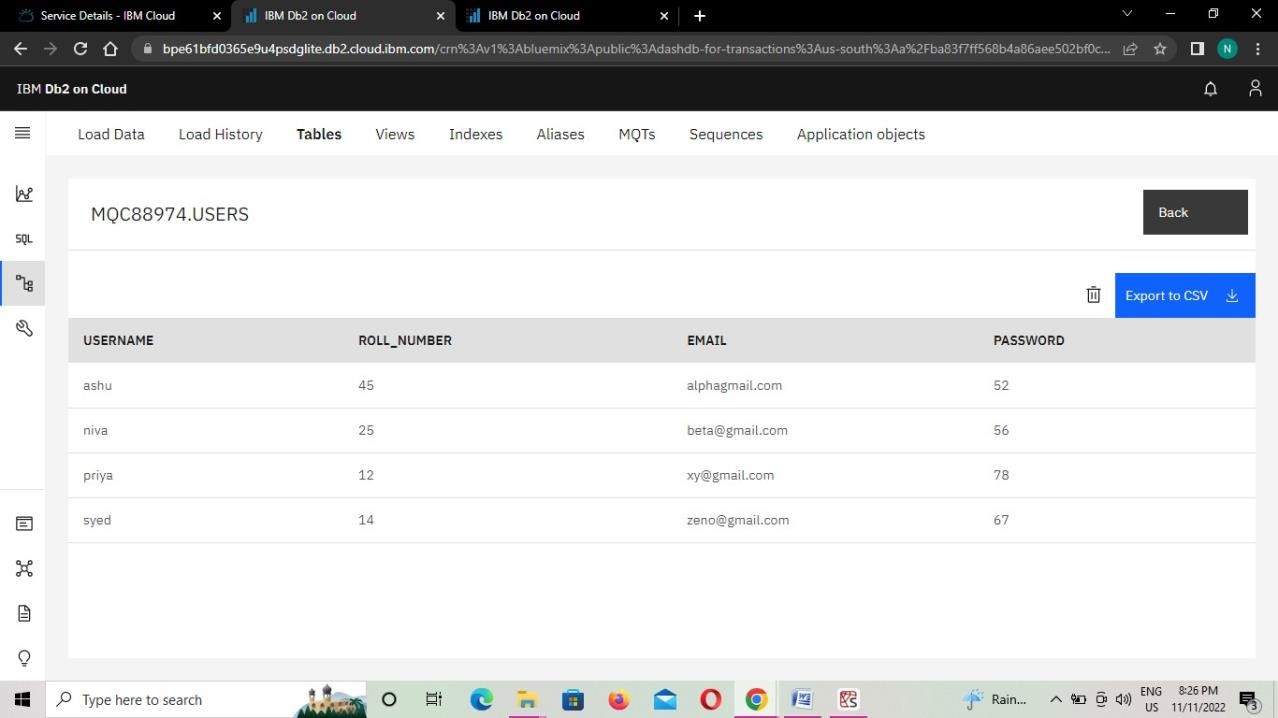
update users SET username='priya' WHERE

roll\_number='12'



DELETE Statemnet:

delete from users WHERE roll\_number='18'



1. Connect python with db2

conn=ibm\_db.connect("DATABASE=bludb;HOSTNAME=98538591-7217- 4024-b027-

8baa776ffad1.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud,;POR T=30875;security=SSL;SSLServercertificate==DigiCertGlobalRootCA.cr;UID

=mqc88974;PWD=mbf14fY4F8mTNrXJ;")



1. 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 username and password. if the user is valid show the welcome page f

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 = ''ifrequest.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

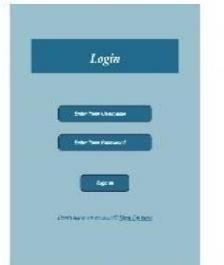
account:

msg = 'Account already exists !' elif not re.match(r'[^@]+@[^@]+\.[^@]+', email): msg = 'Invalid email address !' elif not re.match(r'[A-Za-z0- msg = 'Username must contain only characters 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)

9]+', username): and numbers !