

Assignment -2

Python Programming

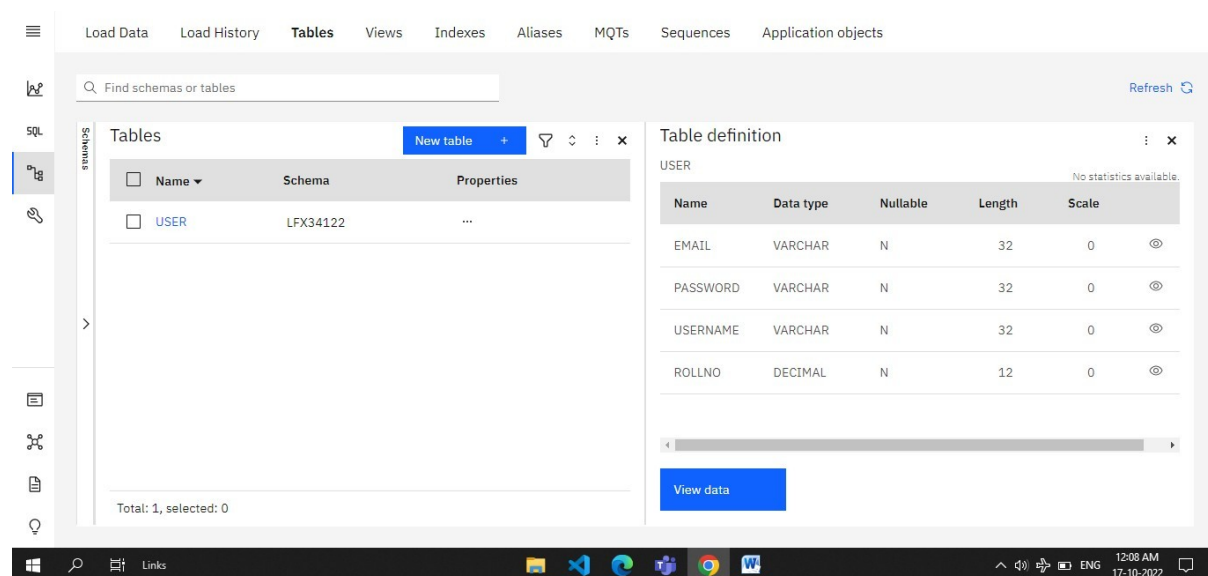
Assignment Date	23 September 2022
Student Name	Santhosh Kumar S
Student Roll Number	2019115089
Maximum Marks	2 Marks

Question 1:

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

Solution 1:

Question 2:



The screenshot shows a database management interface. On the left, a sidebar contains icons for various database operations. The main area is divided into two panels. The left panel, titled 'Tables', shows a list of tables with columns 'Name', 'Schema', and 'Properties'. A table named 'USER' is listed under the 'LFX34122' schema. The right panel, titled 'Table definition', shows the structure of the 'USER' table. It has five columns: 'Name', 'Data type', 'Nullable', 'Length', and 'Scale'. The rows are: 'EMAIL' (VARCHAR, N, 32, 0), 'PASSWORD' (VARCHAR, N, 32, 0), 'USERNAME' (VARCHAR, N, 32, 0), and 'ROLLNO' (DECIMAL, N, 12, 0). A 'View data' button is at the bottom of the right panel. The bottom of the screenshot shows a Windows taskbar with various application icons and a system clock showing 12:08 AM on 17-10-2022.

Perform UPDATE, DELETE Queries with user table

Solution 2:

INSERT

INSERT INTO USER

VALUES('Vishnutheep','vishnutheep@gmail.com','vishnu',2019115123)

;

INSERT INTO USER

VALUES('Siva','sivakumar@gmail.com','siva',2019115089);

INSERT INTO USER

VALUES('Akshay','akshay@gmail.com','akshay',2019115013);

INSERT INTO USER

VALUES('Santhosh','santhosh@gmail.com','santhosh',2019115089);

Output:

SQL

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

QNV09796.USER				Back
				<div><div></div>Export to CSV <div></div></div>
EMAIL	PASSWORD	USERNAME	ROLLNO	
akshay@gmail.com	12355	akshay	2019115013	
santhosh@gmail.com	22345	santhosh	2019115089	
siva@gmail.com	12345	siva	2019115098	
vishnuthEEP@gmail.com	12344	vishnu	2019115123	

DELETE

delete from user where rollno = 2019115123

OUTPUT:

SQL

Load Data

Load History

Tables

Views

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Aliases

MQTs

Sequences

Application objects

QNV09796.USER				Back
				<div><div></div>Export to CSV <div></div></div>
EMAIL	PASSWORD	USERNAME	ROLLNO	
akshay@gmail.com	12355	akshay	2019115013	
santhosh@gmail.com	22345	santhosh	2019115089	
siva@gmail.com	12345	siva	2019115098	

Question 3:

Connect python code to db2.

Solution 3:

```
from flask import Flask, render_template, request, redirect,
url_for, session import ibm_db

app = Flask(
name_)

app.secret_key
= 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=6667d8e9-9d4d-4ccb-
ba32-
21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30376;S
ECURITY=SSL;SSLSe
rverCertificate=DigiCertGlobalRootCA.crt;UID=lfx34122;PWD=jmQDS9wCaxqRIIQ
d", "", "")

if(conn):

    print("CONNECTED SUCCESSFULLY")

    print("Connection : "+str(conn))

    sql="SELECT * FROM USER WHERE rollno=2019115123

    email="vishnutheep@gmail.com" stmt = ibm_db.prepare(conn,sql)
    ibm_db.execute(stmt)
    acc =

    ibm_db.fetch_assoc(stmt)

    if acc:

        print(acc)

if __name__ == '__main__'

': app.run()
```