

Assignment 2

CRUD OPERATION IN IBM DB2:

1. Create Table:

```
CREATE TABLE assignment_user ( id INT NOT NULL PRIMARY  
    KEY GENERATED ALWAYS AS  
    IDENTITY (START WITH 1 INCREMENT BY 1),  
    email VARCHAR(50) NOT NULL UNIQUE,  
    password_hash VARCHAR(64) NOT NULL,  
    username VARCHAR(50) NOT NULL UNIQUE,  
    rollno VARCHAR(15) NOT NULL UNIQUE  
);
```

2. Insert:

```
INSERT INTO assignment_user (email, password_hash, username,  
rollno) VALUES ('suresh@gmail.com', 'suresh@12', 'suresh',  
'19BIT222');
```

3. Read:

```
SELECT * FROM assignment_user;
```

4. Update:

```
UPDATE assignment_user SET password_hash = 'suresh@14'  
WHERE rollno = '19BIT222';
```

5. Delete:

```
DELETE FROM assignment_user WHERE rollno = '19BIT222';
```

Screenshot:

assignment
+
Beta
Classic

Save SQL script to server
Syntax assistant
Run all

```

1 CREATE TABLE assignment_user (
2   id INT NOT NULL PRIMARY KEY GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
3   email VARCHAR(50) NOT NULL UNIQUE,
4   password_hash VARCHAR(64) NOT NULL,
5   username VARCHAR(50) NOT NULL UNIQUE,
6   rollno VARCHAR(15) NOT NULL UNIQUE
7 );
8
9 INSERT INTO assignment_user (email, password_hash, username, rollno) VALUES ('suresh@gmail.com', 'suresh@12', 'suresh', '19BIT222');
10
11 SELECT * FROM assignment_user;
12
13 UPDATE assignment_user SET password_hash = 'suresh@14' WHERE rollno = '19BIT222';
14
15 DELETE FROM assignment_user WHERE rollno = '19BIT222';

```

HistoryResults

Find history

Script	Date	Status	Runtime
INSERT INTO assignment_user (email, password_hash, username, rollno) VALUES ('suresh@gmail.com', 'suresh@12', 'suresh', '19BIT222');		✓	0.012 s
SELECT * FROM assignment_user;		✓	0.006 s
UPDATE assignment_user SET password_hash = 'suresh@14' WHERE rollno = '19BIT222';		✓	0.007 s
DELETE FROM assignment_user WHERE rollno = '19BIT222';		✓	0.007 s

Screenshot of flask app:

Personal Expense Tracker
localhost:5500/IBM-Project-10506-1659183002/Assignments/Anul_Murugavel/Team%20Lead/Assignment_2/frontend/index.html

Assignment 2
Login/Signup

username:

rollno:

Personal Expense Tracker | x +

localhost:5500/IBM-Project-10506-1659183002/Assignments/Anul_Murugavel/Team%20Lead/Assignment_2/frontend/auth.html

Assignment 2

Login

SignUp

E-Mail

ramesh@gmail.com

password

Confirm Password

Username

Ramesh

Roll No

19BIT333

SignUp

Personal Expense Tracker | x +

localhost:5500/IBM-Project-10506-1659183002/Assignments/Anul_Murugavel/Team%20Lead/Assignment_2/frontend/auth.html

Assignment 2

Login

SignUp

E-Mail

ramesh@gmail.com

password

Login 🔑

