

## Assignment – 2

Assignment Date	29-Sep-2022
Team ID	PNT2022TMID50562
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Student Roll Number	952819104034
Maximum Marks	2 Marks

### Questions:

1. Create user table with email, username, rollnumber and password.

The screenshot displays the IBM Db2 on Cloud web interface. On the left, the 'Data objects' panel shows a tree structure for a database named 'GSP77027', including categories for Tables, Views, MQTs, Aliases, and Nicknames. The main editor area, titled '\*Untitled - 1', contains a SQL script to create a table named 'USER'. The script is as follows:

```
1 CREATE TABLE USER (  
2     EMAIL VARCHAR(255) NOT NULL,  
3     USERNAME VARCHAR(255) NOT NULL,  
4     ROLLNO VARCHAR(255) NOT NULL,  
5     PASSWORD VARCHAR(255) NOT NULL  
6 );  
7
```

Below the script editor, the 'History' tab is active, showing a table of executed scripts. The table has columns for Script, Date, Status, and Runtime.

Script	Date	Status	Runtime
Untitled - 1	Oct 27, 2022 7:06:59 PM	✓ 1	0.044 s
CREATE TABLE USER ( EMAIL VARCHAR(255) NOT NULL, USERNAME VARCHL		✓	0.044 s

## 2. Perform UPDATE, DELETE queries with user table.

The screenshot shows the IBM Db2 on Cloud interface. On the left, the 'Data objects' panel displays a tree structure with 'GSP77027' expanded, showing 'Tables', 'Views', 'MQTs', 'Aliases', and 'Nicknames'. The 'My script' tab is active, showing a script editor with the following SQL code:

```
1 UPDATE USER
2 SET USERNAME = 'alpha'
3 WHERE ROLLNO = '1234567890';
4
```

The 'Run all' button is visible in the top right of the script editor. Below the script editor, the 'History' tab is selected, showing a table with the following data:

Script	Date	Status	Runtime
Untitled - 1	Oct 27, 2022 7:25:40 PM	✓ 1	0.005 s
UPDATE USER SET USERNAME = 'alpha' WHERE ROLLNO = '1234567890'		✓	0.005 s

The screenshot shows the IBM Db2 on Cloud interface. On the left, the 'Data objects' panel displays a tree structure with 'GSP77027' expanded, showing 'Tables', 'Views', 'MQTs', 'Aliases', and 'Nicknames'. The 'My script' tab is active, showing a script editor with the following SQL code:

```
1 DELETE FROM USER
2 WHERE ROLLNO = '1234567890';
3
```

The 'Run all' button is visible in the top right of the script editor. Below the script editor, the 'History' tab is selected, showing a table with the following data:

Script	Date	Status	Runtime
Untitled - 1	Oct 27, 2022 7:35:42 PM	✓ 1	0.006 s
DELETE FROM USER WHERE ROLLNO = '1234567890'		✓	0.006 s

3. See /code

4. See /code