

## **Assignment - 4**

**Name: Shivani Shaileshkumar Varu**

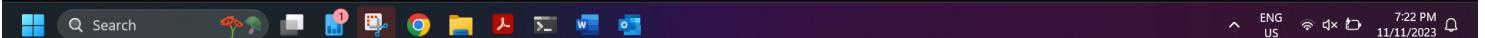
**Student ID: 8941914**

**Section: 4**

### Scenario 1: Test inserting a new user with a blank name:

```
Command Prompt - sqlite < + > Microsoft Windows [Version 10.0.22621.2506]
(c) Microsoft Corporation. All rights reserved.

C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name,email) VALUES ('','testingdb@example.com');
sqlite>
```

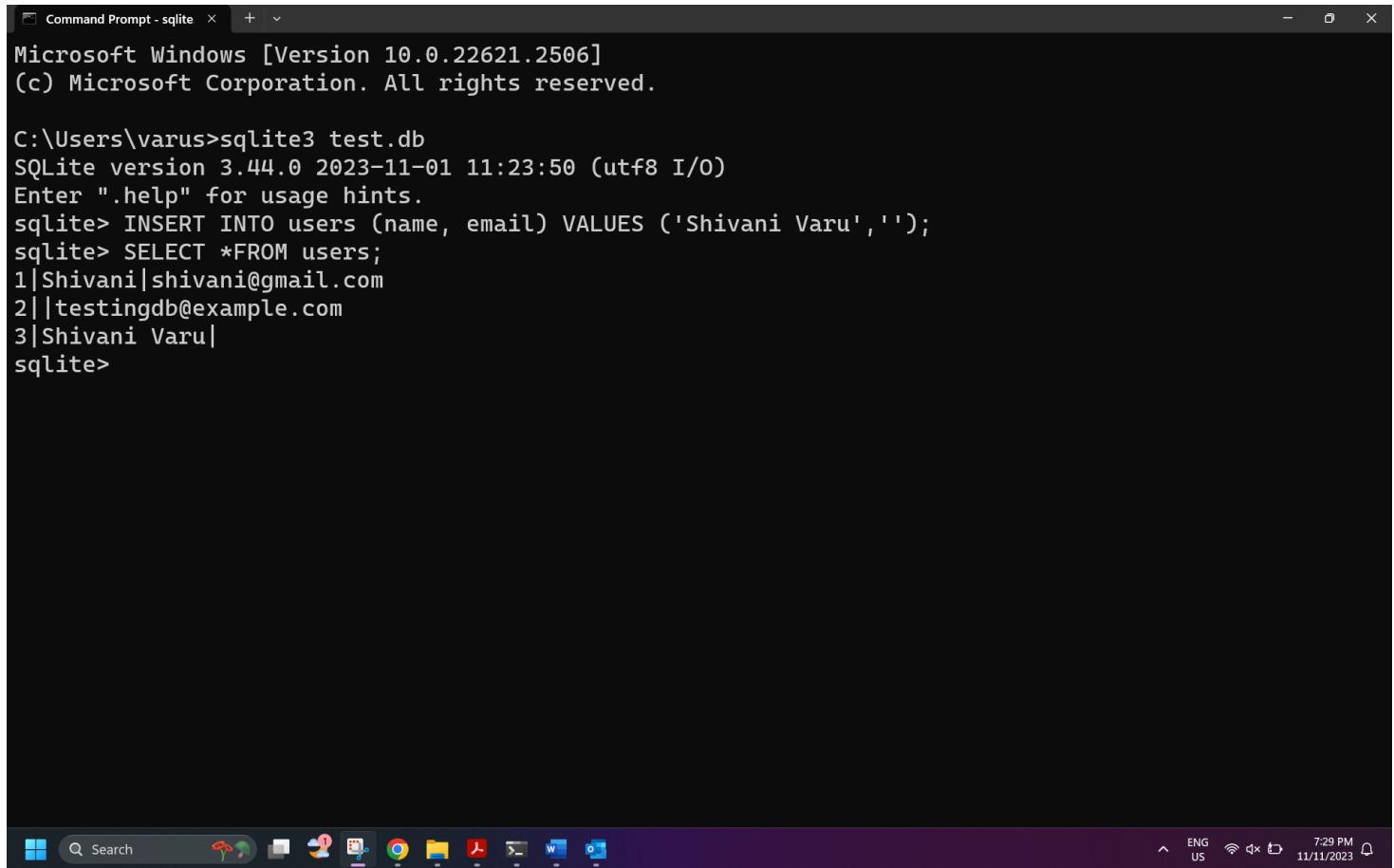


```
Command Prompt - sqlite < + > Microsoft Windows [Version 10.0.22621.2506]
(c) Microsoft Corporation. All rights reserved.

C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name,email) VALUES ('','testingdb@example.com');
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2|testingdb@example.com
sqlite>
```



## Scenario 2: Test inserting a new user with a blank email:



The screenshot shows a Windows Command Prompt window titled "Command Prompt - sqlite". The window displays the following SQLite session:

```
Microsoft Windows [Version 10.0.22621.2506]
(c) Microsoft Corporation. All rights reserved.

C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name, email) VALUES ('Shivani Varu','');
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
sqlite>
```

The taskbar at the bottom of the screen includes icons for File Explorer, Task View, Start, Search, Edge, and other system utilities. The system tray shows the date and time as 11/11/2023 at 7:29 PM.

### Scenario 3: Test Inserting a new user with the correct email and name (Use LIKE operator to get correct email format)

```
C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name,email) SELECT 'Aisha', 'aisha@gmail.com' WHERE 'aisha@gmail.com' LIKE '%@%.%';
sqlite>
```

```
C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name,email) SELECT 'Aisha', 'aisha@gmail.com' WHERE 'aisha@gmail.com' LIKE '%@%.%';
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
4|Aisha|aisha@gmail.com
sqlite>
```

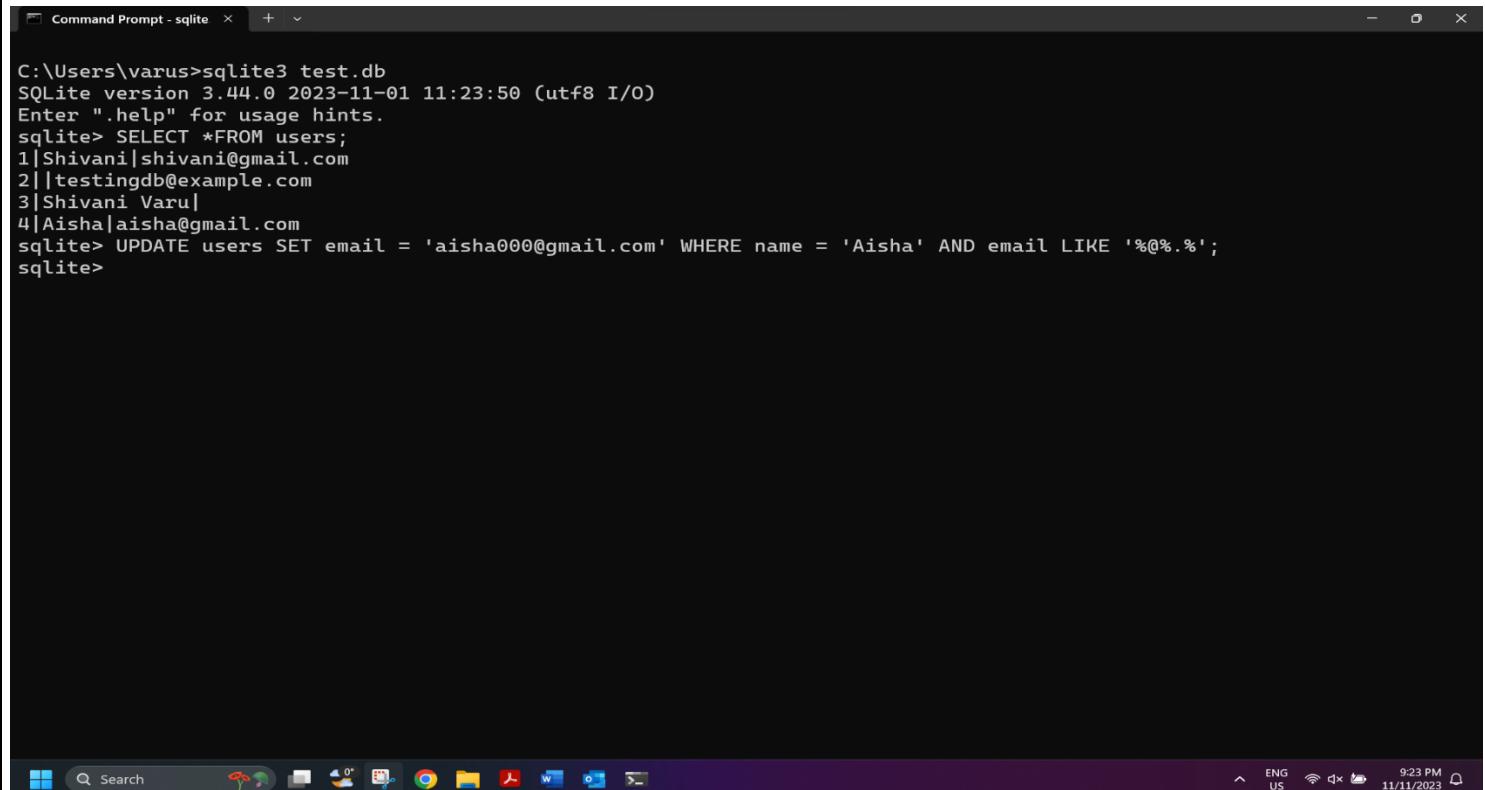
#### Scenario 4: Test Inserting a new user with incorrect email format

The screenshot shows a Windows Command Prompt window titled "Command Prompt - sqlite". The command line shows the following sequence of SQLite commands:

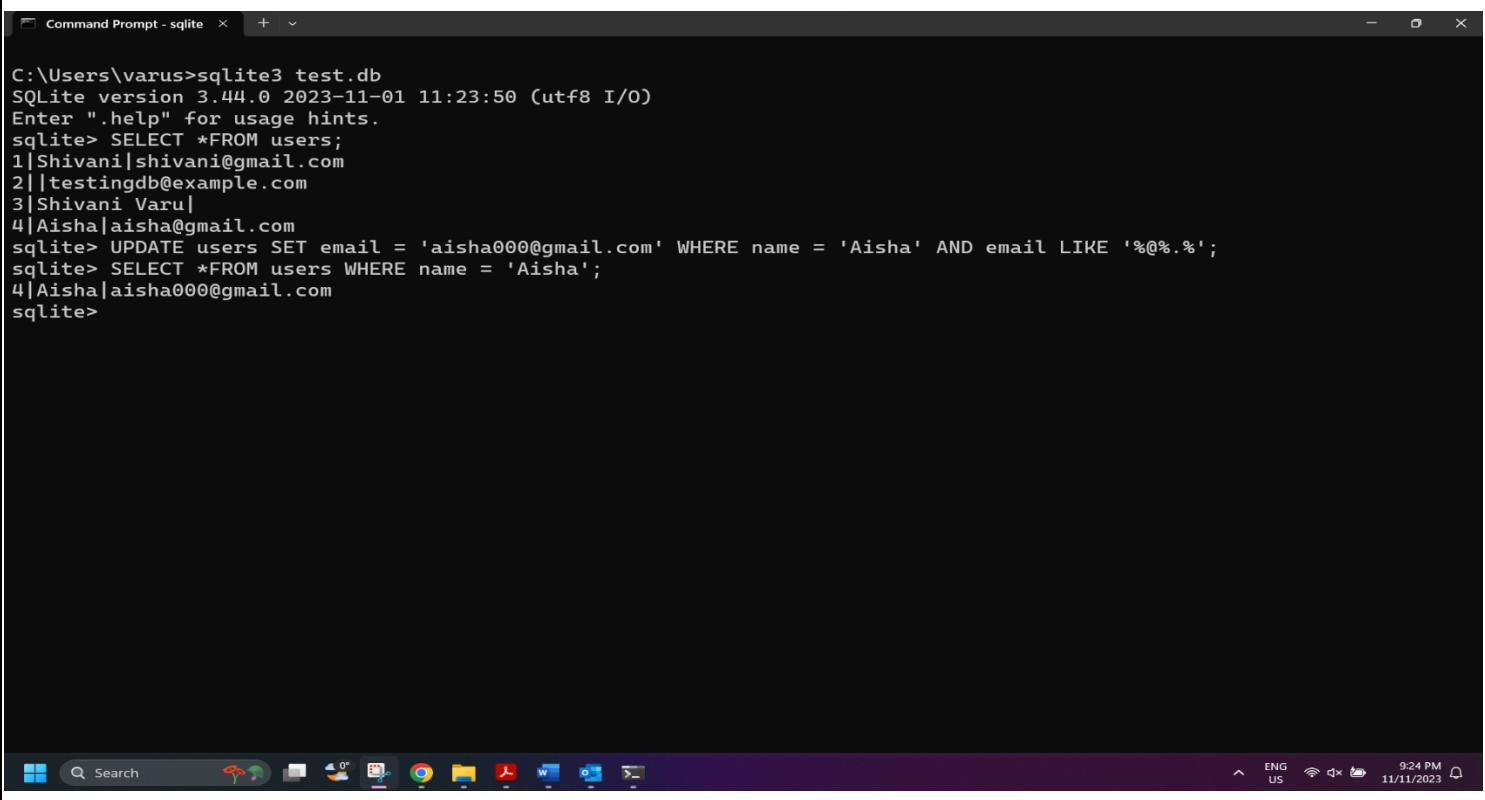
```
C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> INSERT INTO users (name,email) SELECT 'Aisha', 'aisha@gmail.com' WHERE 'aisha@gmail.com' LIKE '%@%.%';
sqlite> INSERT INTO users (name,email) SELECT 'Misha', 'Misha@gmail.com' WHERE 'Mishagmailcom';
sqlite> SELECT *FROM users WHERE name = 'Misha';
sqlite>
```

The command prompt is located on a Windows desktop, with the taskbar visible at the bottom showing various pinned icons and the system tray indicating the date and time as 11/11/2023 at 9:10 PM.

## Scenario 5: Updating an existing user's email with correct email format(Use LIKE operator to get correct email format)



```
C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
4|Aisha|aisha@gmail.com
sqlite> UPDATE users SET email = 'aisha000@gmail.com' WHERE name = 'Aisha' AND email LIKE '%@%.%';
sqlite>
```



```
C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
4|Aisha|aisha@gmail.com
sqlite> UPDATE users SET email = 'aisha000@gmail.com' WHERE name = 'Aisha' AND email LIKE '%@%.%';
sqlite> SELECT *FROM users WHERE name = 'Aisha';
4|Aisha|aisha000@gmail.com
sqlite>
```

## Scenario 6: Updating an existing user's email with incorrect email format.

```
Command Prompt - sqlite < C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
4|Aisha|aisha000@gmail.com
sqlite> UPDATE users SET email = 'aisha000gmailcom' WHERE name = 'Aisha';
sqlite> SELECT *FROM users WHERE email LIKE '%@%.%';
1|Shivani|shivani@gmail.com
2||testingdb@example.com
sqlite>
```

## Scenario 7: Deleting an existing user.

```
Command Prompt - sqlite < C:\Users\varus>sqlite3 test.db
SQLite version 3.44.0 2023-11-01 11:23:50 (utf8 I/O)
Enter ".help" for usage hints.
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2|testingdb@example.com
3|Shivani Varu|
4|Aisha|aisha000@gmail.com
sqlite> DELETE FROM users WHERE name = 'Aisha';
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2|testingdb@example.com
3|Shivani Varu|
sqlite>
```