

Assignment - 4

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Section: 4

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

```
Command Prompt - sqlite x + v
Microsoft Windows [Version 10.0.22621.2506]
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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 x + v
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:

```
Command Prompt - sqlite x + v
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>
```

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

```
Command Prompt - sqlite x + v
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>
```

```
Command Prompt - sqlite x + v
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

```
Command Prompt - sqlite x + v
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>
```

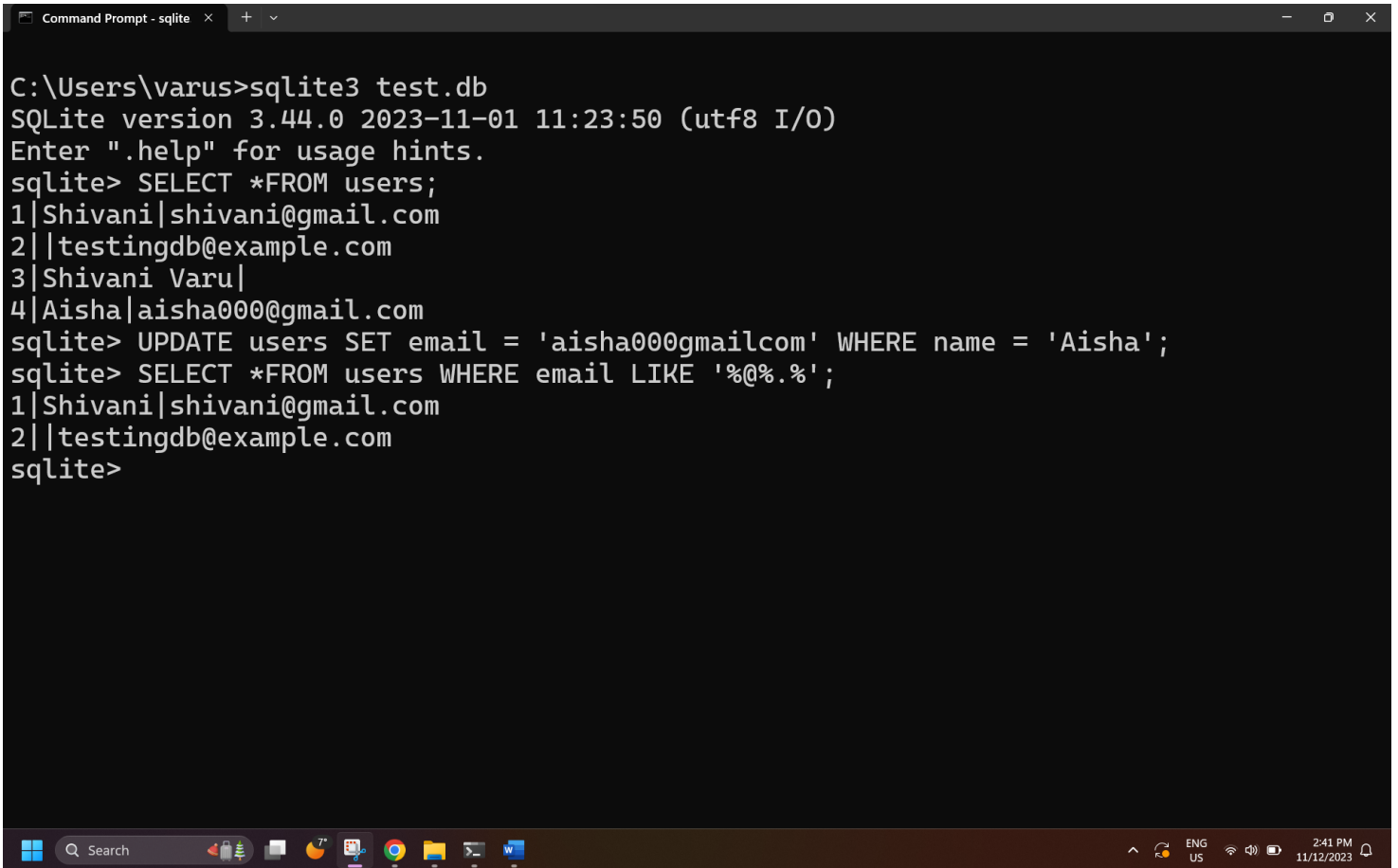
Scenario 5: Updating an existing user's email with correct email format(Use LIKE operator to get correct email format)

```
Command Prompt - sqlite x + v
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>
```

```
Command Prompt - sqlite x + v
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 x + v
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 x + v
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|aisha000gmailcom
sqlite> DELETE FROM users WHERE name = 'Aisha';
sqlite> SELECT *FROM users;
1|Shivani|shivani@gmail.com
2||testingdb@example.com
3|Shivani Varu|
sqlite>
```

