

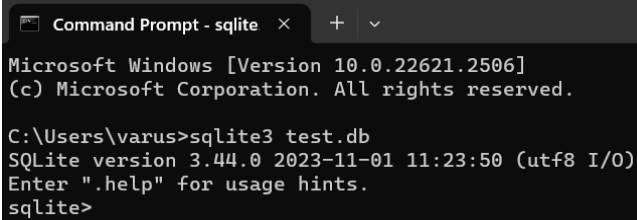
Lab – 8

Name: Shivani Shaileshkumar Varu

Student ID: 8941914

Section: 4

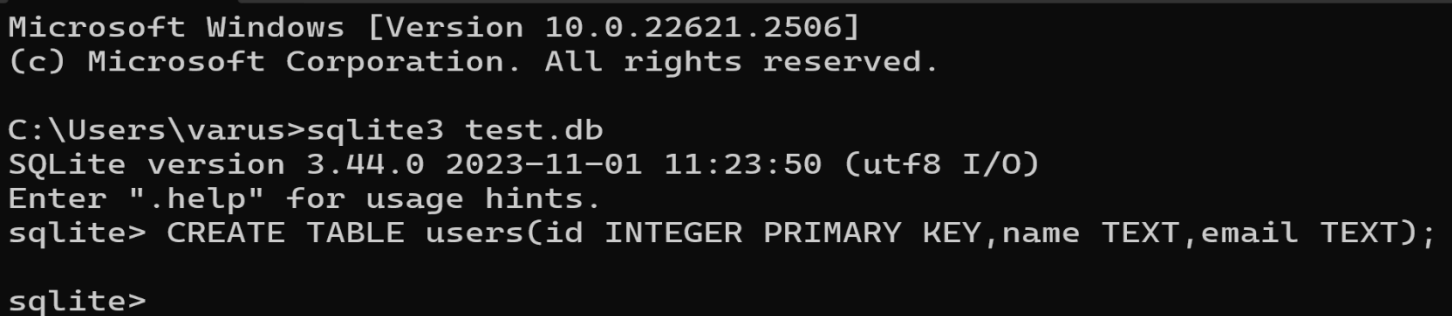
1) Installation of SQLITE3 done Successfully and Database Creation Test.db



```
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>
```

2) Table Creation



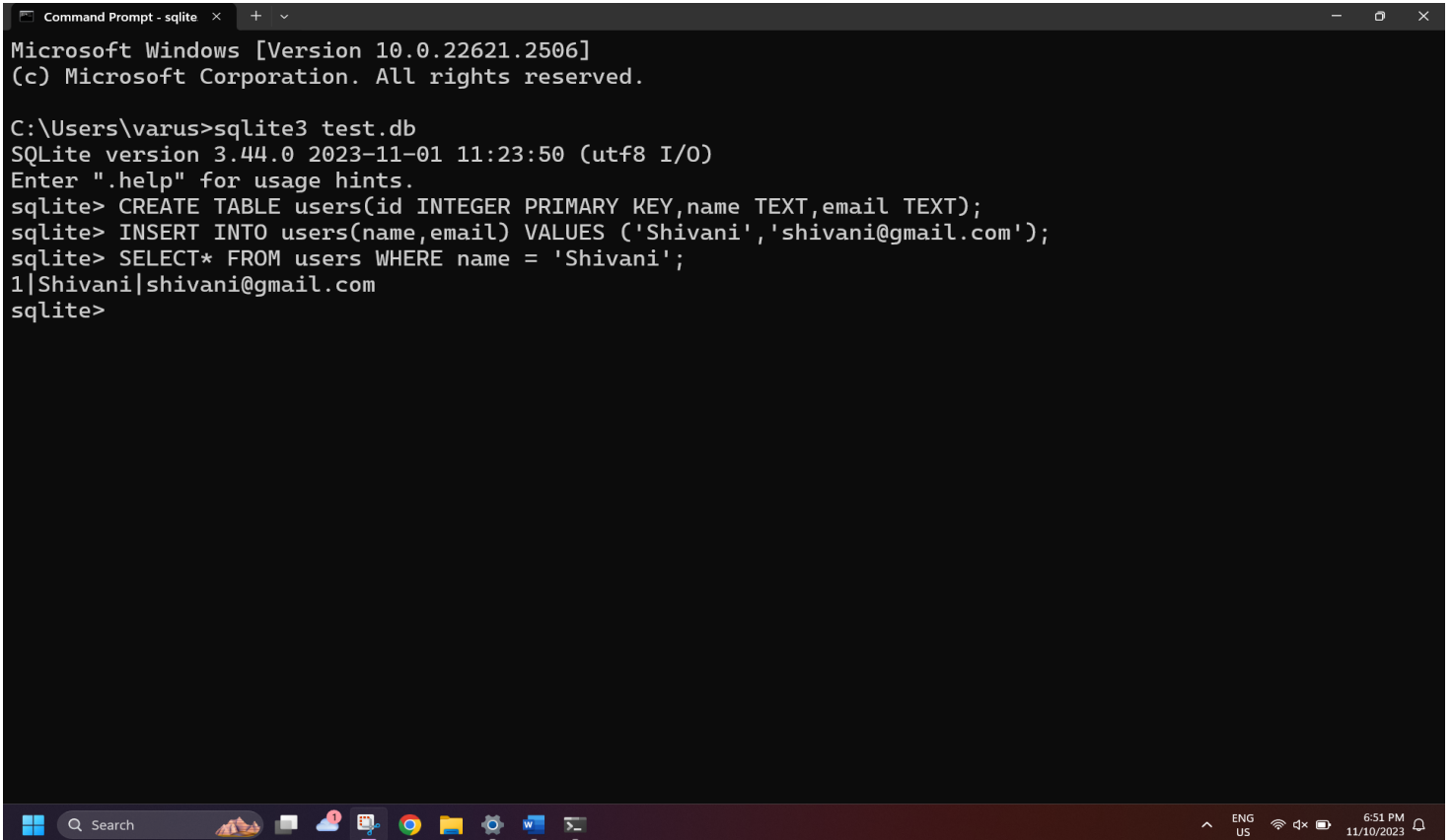
```
Command Prompt - sqlite
Microsoft Windows [Version 10.0.22621.2506]
(c) Microsoft Corporation. All rights reserved.

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> CREATE TABLE users(id INTEGER PRIMARY KEY,name TEXT,email TEXT);
sqlite>
```

3) Inserting a New User and showing users.

```
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> CREATE TABLE users(id INTEGER PRIMARY KEY,name TEXT,email TEXT);
sqlite> INSERT INTO users(name,email) VALUES ('Shivani','shivani@gmail.com');
sqlite> SELECT* FROM users WHERE name = 'Shivani';
1|Shivani|shivani@gmail.com
sqlite>
```



4) Inserting a new user with incorrect email (mutation)

```
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> CREATE TABLE users(id INTEGER PRIMARY KEY,name TEXT,email TEXT);
sqlite> INSERT INTO users(name,email) VALUES ('Shivani','shivani@gmail.com');
sqlite> SELECT* FROM users WHERE name = 'Shivani';
1|Shivani|shivani@gmail.com
sqlite> INSERT INTO users(name,email) VALUES ('Shivani','shivani@gmail.com','wrongemail');
Parse error: 3 values for 2 columns
sqlite> SELECT *FROM users WHERE name = 'Shivani Varu';
sqlite>
```