

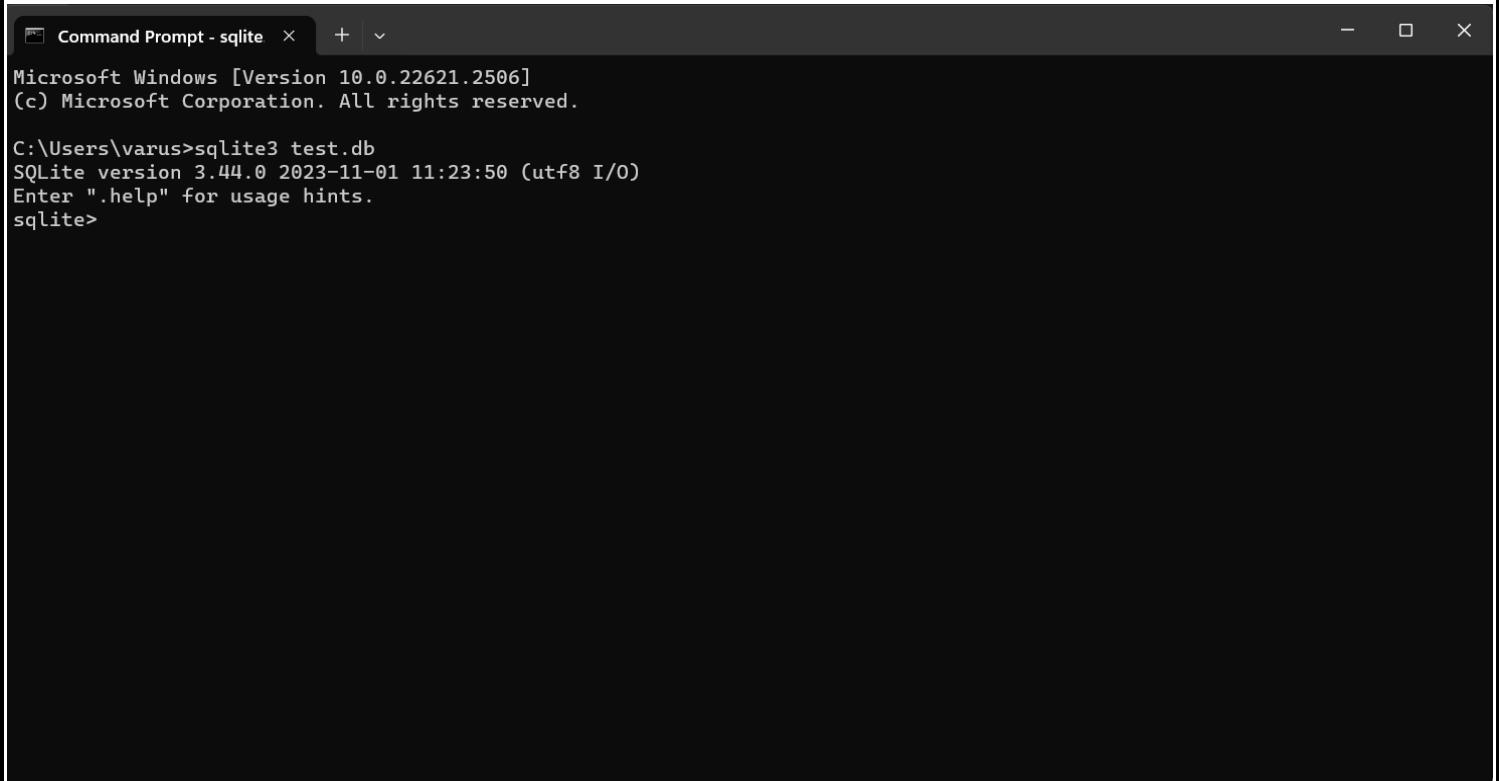
Lab – 8

Name: Shivani Shaileshkumar Varu

Student ID: 8941914

Section: 4

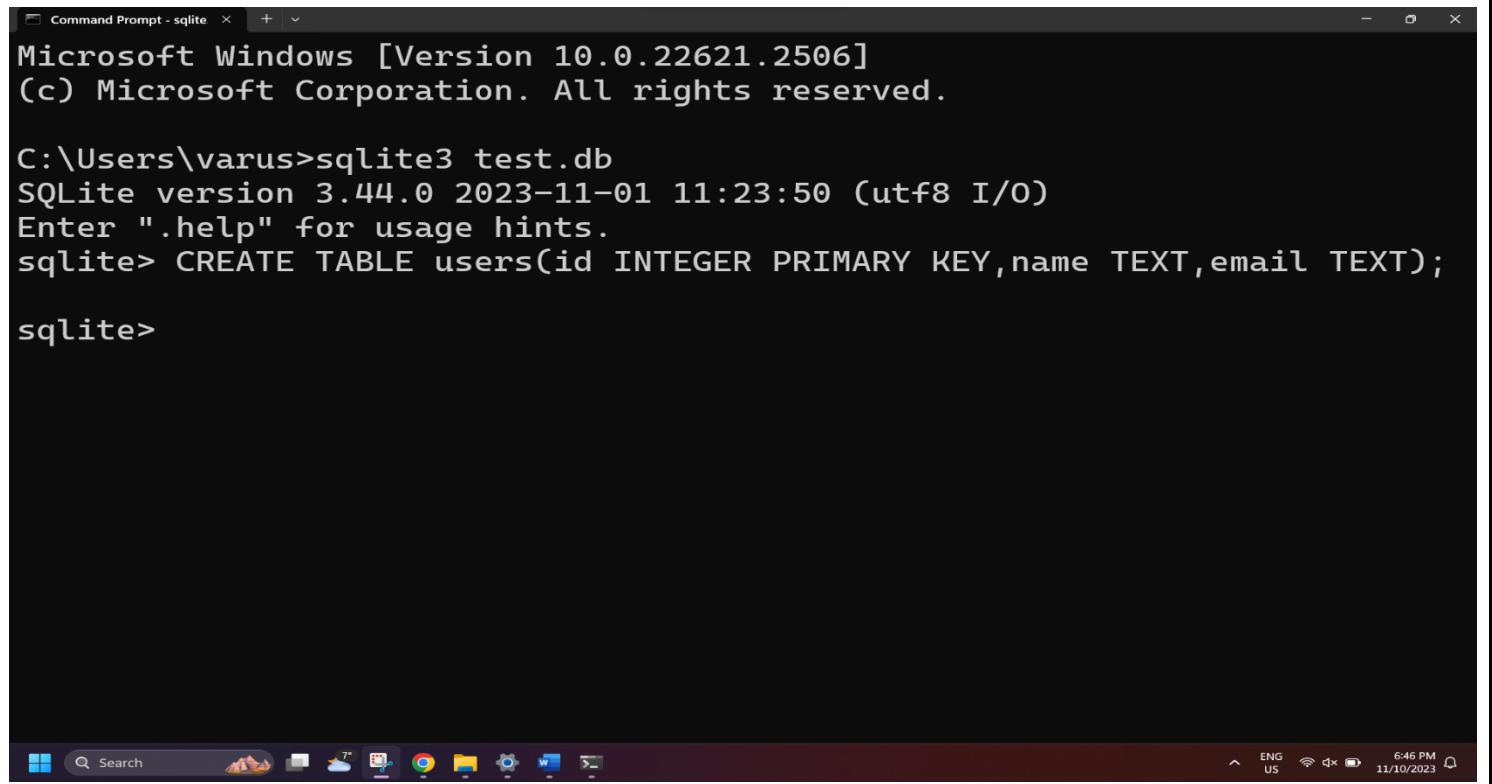
1) Installation of SQLITE3 done Successfully and Database Creation Test.db



```
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>
```

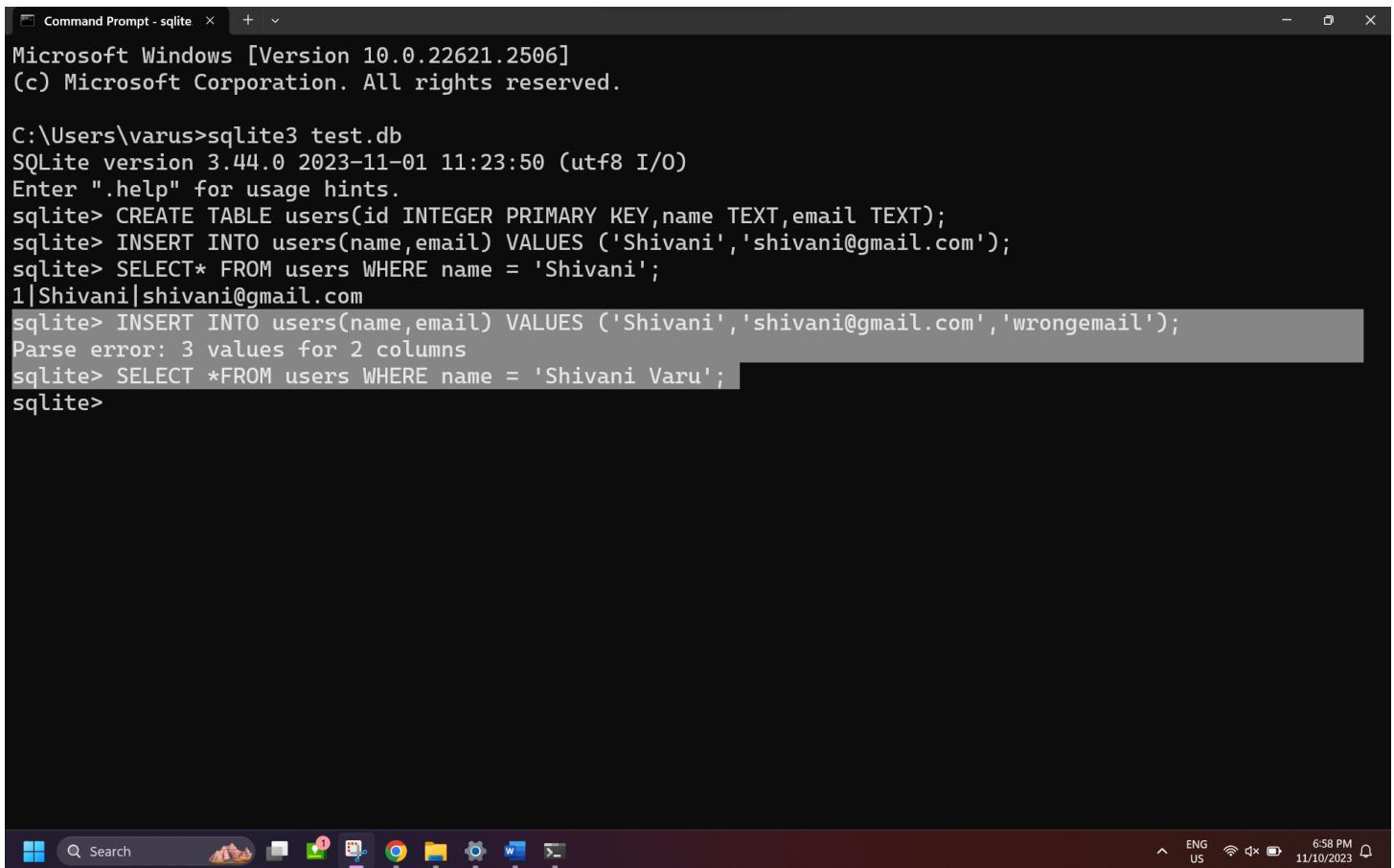
3) Inserting a New User and showing users.

```
Command Prompt - sqlite < + >
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 * + 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>
```