

GitDB Project - CLI Commands Cheat Sheet

Setup

```
git clone <your-private-repo-url>
```

```
cd gitdb-project
```

```
npm install
```

```
git init
```

```
git add .
```

```
git commit -m "Initial commit"
```

Insert a Row

```
npm run cli -- insert --table users --name "Alice"
```

Delete a Row by ID

```
npm run cli -- delete --table users --id 1
```

Select All Rows

```
npm run cli -- select --table users
```

Run Any SQL

```
npm run cli -- exec --sql "YOUR_SQL_QUERY_HERE"
```

Example:

```
npm run cli -- exec --sql "CREATE TABLE product(prod_id INTEGER PRIMARY KEY, prod_name TEXT, manufacturer TEXT, cust_id INTEGER NOT NULL)"
```

```
npm run cli -- exec --sql "INSERT INTO product(prod_id, prod_name, manufacturer, cust_id) VALUES (1, 'Phone', 'Samsung', 100)"
```

```
npm run cli -- exec --sql "SELECT * FROM product"
```

View Git Commit History

```
npm run cli -- history
```

Run Tests

```
npm test
```

Rollback to Previous DB Version

```
./checkout.sh <commit-hash>
```

Run SQL with query.sh

```
./query.sh "SELECT * FROM product;"
```

Push to GitHub

```
git remote add origin https://github.com/<your-username>/<repo-name>.git
```

```
git branch -M main
```

```
git push -u origin main
```