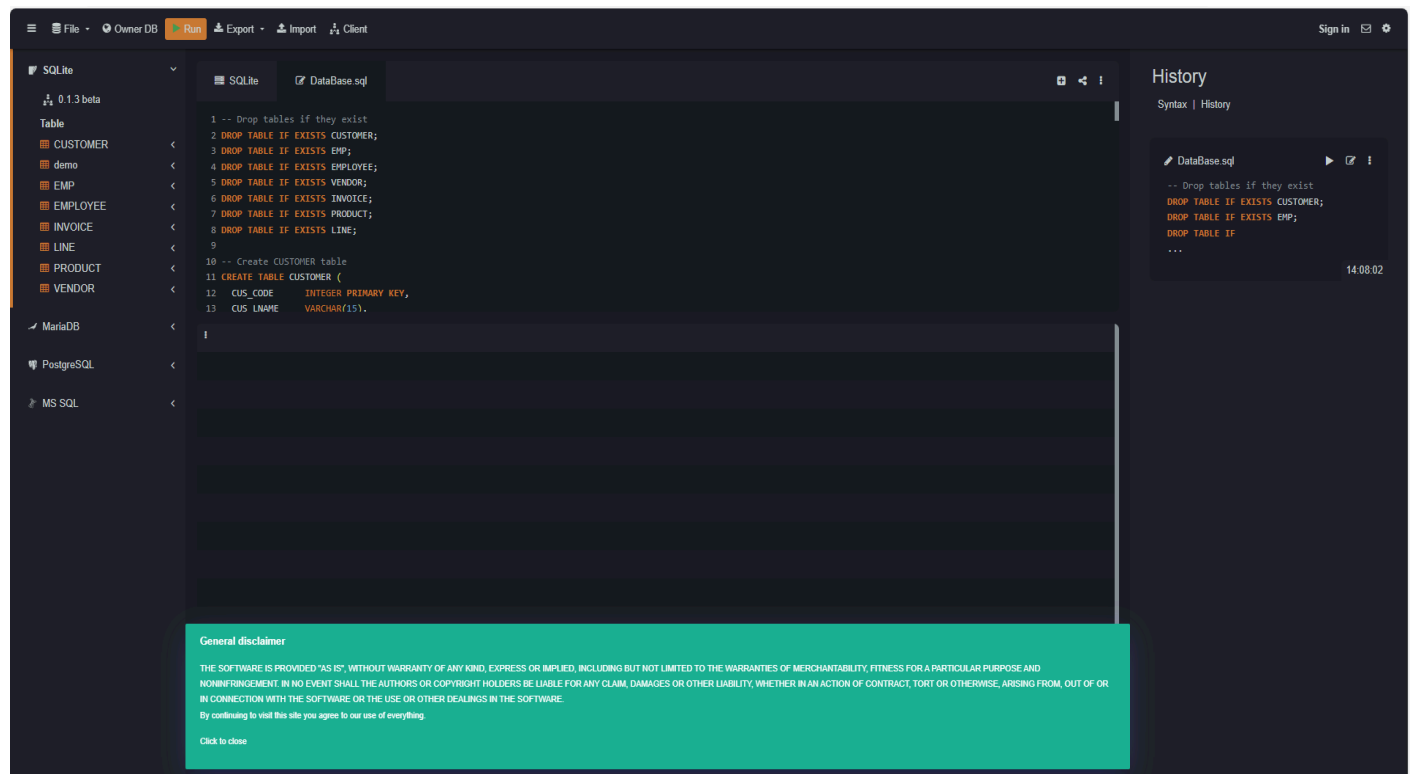


# Week 8 Assessment

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Step 1 :



## Step 2 :

The screenshot shows a database management tool interface. On the left, a sidebar lists databases: SQLite (0.1.3 beta), MariaDB, PostgreSQL, and MS SQL. Under SQLite, a list of tables is shown: CUSTOMER, demo, EMP, EMPLOYEE, INVOICE, LINE, PRODUCT, and VENDOR. The main window displays the 'CUSTOMER' table with the following data:

CUS_CODE	CUS_LNAME	CUS_FNAME	CUS_INITIAL	CUS_AREACODE	CUS_PHONE	CUS_BALANCE
1	Ramas	Alfred	A	615	844-2573	0
2	Dunne	Leona	K	713	894-1238	0
3	Smith	Kathy	W	615	894-2285	345.85
4	Olowski	Paul	F	615	894-2180	536.75
5	Orlando	Myron		615	222-1672	0
6	O'Brian	Amy	B	713	442-3381	0
7	Brown	James	G	615	297-1228	221.19
8	Williams	George		615	290-2556	768.92
9	Farriss	Anne	G	713	382-7185	216.55
10	Smith	Olivia	K	615	297-3809	0

Below the table, a green box contains a 'General disclaimer' text. On the right, a 'History' panel shows a list of executed queries, including 'SELECT \* FROM CUSTOMER' and 'SELECT \* FROM demo'.

## Step 3 :

The screenshot shows the same database management tool interface. The main window displays the 'PRODUCT' table with the following data:

P_CODE	DESCRIPTION	unit_price	QTY
110ER/31	Power painter, 15 pol., 3-nozzle	109.99	8

Below the table, a green box contains a 'General disclaimer' text. On the right, a 'History' panel shows a list of executed queries, including 'SELECT p\_code, p\_descript AS DESCRIPTION, p\_price AS "unit\_price", p\_qty AS QTY FROM PRODUCT;' and 'SELECT \* FROM demo'.

## Step 4 :

The screenshot shows the SQLite Studio interface. The left sidebar lists databases: SQLite (0.1.3 beta), MariaDB, PostgreSQL, and MS SQL. The main editor shows a SQL query: `1 SELECT cus_code,cus_initial,cus_areacode FROM CUSTOMER`. The results pane displays a table with 10 rows and 3 columns: CUS\_CODE, CUS\_INITIAL, and CUS\_AREACODE. The History pane on the right shows the executed query and its timestamp.

CUS_CODE	CUS_INITIAL	CUS_AREACODE
1	A	615
2	K	713
3	W	615
4	F	615
5		615
6	B	713
7	G	615
8		615
9	G	713
10	K	615

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## Step 5 :

The screenshot shows the SQLite Studio interface. The main editor shows a SQL query: `1 SELECT * FROM PRODUCT`. The results pane is empty, indicating an error. The History pane on the right shows the executed query and its timestamp. A red box highlights the error message in the History pane.

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**History**

Syntax | History

SQLite 14:52:47

SELECT \* FROM PRODUCT

SQLite 14:52:23

SELECT PRODUCT

Help: SQLITE\_ERROR: sqLite3 result code 1: no such column: PRODUCT  
Table: [PRODUCT] column: P\_CODE, P\_DESCRIPTION, P\_INDATE, P\_OOH, P\_MIN, P\_PRICE, P\_DISCOUNT, V\_CODE

SQLite 14:52:06

SELECT PRODUCT

Help: SQLITE\_ERROR: sqLite3 result code 1: no such column: PRODUCT  
Table: [PRODUCT] column: P\_CODE, P\_DESCRIPTION, P\_INDATE, P\_OOH, P\_MIN, P\_PRICE, P\_DISCOUNT, V\_CODE

SQLite 14:46:58

SELECT cus\_code,cus\_initial,cus\_areacode

SQLite 14:46:58

SELECT p\_code,p\_descript AS DESCRIPTION

## Step 6 :

The screenshot shows a database client interface with a dark theme. The top menu bar includes 'File', 'Owner DB', 'Run', 'Export', 'Import', and 'Client'. The left sidebar shows a tree view of databases: 'SQLite' (0.1.3 beta), 'MariaDB', 'PostgreSQL', and 'MS SQL'. The 'SQLite' database is selected, and a table named 'Table' is open. The table contains the following data:

CUS_CODE	CUS_LNAME	CUS_AREACODE	EMP_LNAME
1	Ramas	615	Kolmycz
1	Ramas	615	Lewis
2	Dunne	713	Kolmycz
2	Dunne	713	Lewis
3	Smith	615	Kolmycz
3	Smith	615	Lewis
4	Olowski	615	Kolmycz
4	Olowski	615	Lewis
5	Orlando	615	Kolmycz
5	Orlando	615	Lewis

The SQL editor shows the following query:

```
1 SELECT cus_code, cus_lname, cus_areacode, emp_lname FROM CUSTOMER NATURAL JOIN EMPLOYEE;
```

The 'History' panel on the right shows three executed queries:

- Query 1: `SELECT cus_code, cus_lname, cus_areacode` (15:03:37)
- Query 2: `SELECT * FROM PRODUCT` (14:52:47)
- Query 3: `SELECT PRODUCT` (14:52:23)

The 'Help' panel on the right shows the error message for the third query:

```
Help: SQLITE_ERROR: sqlite3 result code 1: no such column: PRODUCT
Table: [PRODUCT] column: P_CODE,
P_DESCRIPTION, P_INDATE, P_OOH, P_MIN,
P_PRICE, P_DISCOUNT, V_CODE
```

The 'General disclaimer' panel at the bottom of the SQL editor shows the following text:

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