CS TASK 3
SQL TASK

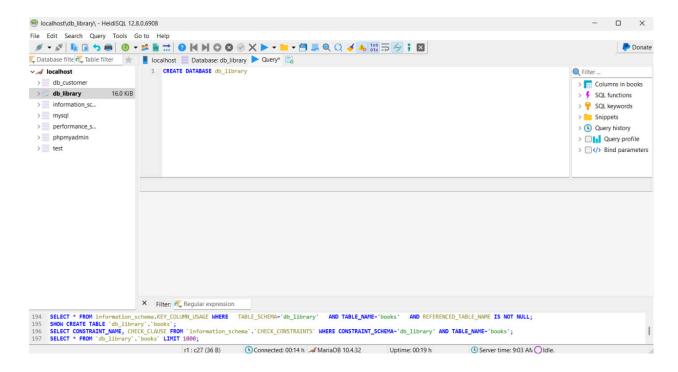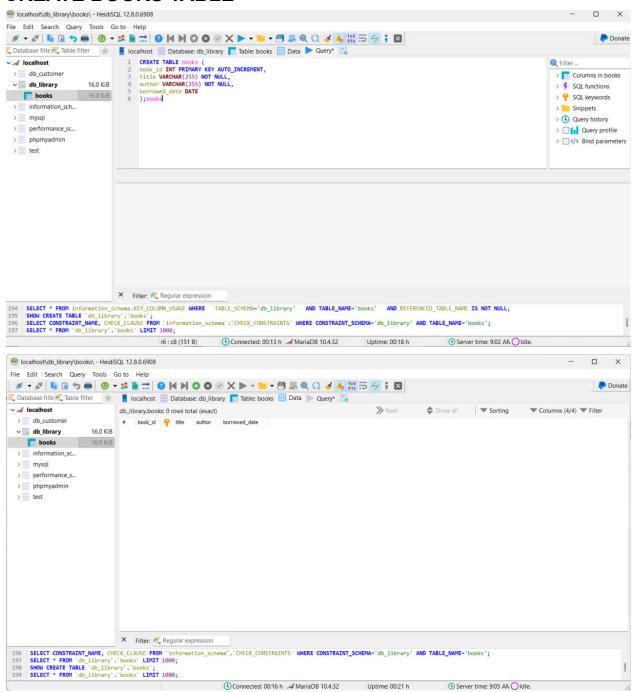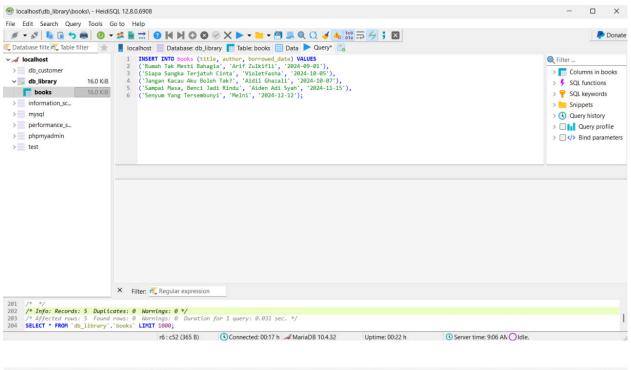# CREATE DATABASE db_library

CREATE BOOKS TABLE

DATA ENTRY
FILL THE TABLE- BOOKS (TITLE,AUTHOR,BORROOWED DATE)
INSERT INTO books

LIST ALL BOOKS

```
1  SELECT * FROM books;
```

books (5r × 4c)

#	book_id	title	author	borrowed_date
1	1	Rumah Tak Mesti Bahagia	Arif Zulkifli	2024-09-01
2	2	Siapa Sangka Terjatuh Cinta	Violetfasha	2024-10-05
3	3	Jangan Kacau Aku Boleh Tak?	Aidil Ghazali	2024-10-07
4	4	Sampai Masa, Benci Jadi Rindu	Aiden Adi Syah	2024-11-15
5	5	Senyum Yang Tersembunyi	Melni	2024-12-12

Find books by author (Example: 'Aidil Ghazali')

```
1  SELECT * FROM books
2  WHERE author = 'Aidil Ghazali';
```

books (1r × 4c)

#	book_id	title	author	borrowed_date
1	3	Jangan Kacau Aku Boleh Tak?	Aidil Ghazali	2024-10-07

Find books borrowed on a specific date (Example: '2024-10-05')

localhost   Database: db_library   Table: books   Data   Query*

```
1  SELECT * FROM books
2  WHERE borrowed_date = '2024-10-05';
```

books (1r × 4c)

#	book_id	title	author	borrowed_date
1	2	Siapa Sangka Terjatuh Cinta	Violetfasha	2024-10-05

Update borrowed_date for a specific book (Example: book_id = 3)

localhost | Database: db_library | Table: books | Data | Query* |

```
1  UPDATE books
2  SET borrowed_date = '2024-10-10'
3  WHERE book_id = 3;
4
```

localhost | Database: db_library | Table: books | Data | Query* |

db_library.books: 5 rows total (exact)

#	book_id 🔑	title	author	borrowed_date
1	1	Rumah Tak Mesti Bahagia	Arif Zulkifli	2024-09-01
2	2	Siapa Sangka Terjatuh Cinta	Violetfasha	2024-10-05
3	3	Jangan Kacau Aku Boleh Tak?	Aidil Ghazali	2024-10-10
4	4	Sampai Masa, Benci Jadi Rindu	Aiden Adi Syah	2024-11-15
5	5	Senyum Yang Tersembunyi	Melni	2024-12-12

Delete a book (Example: book_id = 5)

localhost   Database: db_library   Table: books   Data   Query*

```
1  DELETE FROM books
2  WHERE book_id = 5;
3
```

localhost   Database: db_library   Table: books   Data   Query*

db_library.books: 4 rows total (exact)   Next

#	book_id 🔑	title	author	borrowed_date
1	1	Rumah Tak Mesti Bahagia	Arif Zulkifli	2024-09-01
2	2	Siapa Sangka Terjatuh Cinta	Violetfasha	2024-10-05
3	3	Jangan Kacau Aku Boleh Tak?	Aidil Ghazali	2024-10-10
4	4	Sampai Masa, Benci Jadi Rindu	Aiden Adi Syah	2024-11-15

Re-add the deleted book

localhost   Database: db_library   Table: books   Data   Query*

```
1  INSERT INTO books (book_id, title, author, borrowed_date) VALUES
2  (5, 'Senyum Yang Tersembunyi', 'Melni', '2024-10-05');
3
```

localhost   Database: db_library   Table: books   Data   Query*

db_library.books: 5 rows total (exact)   Next

#	book_id 🔑	title	author	borrowed_date
1	1	Rumah Tak Mesti Bahagia	Arif Zulkifli	2024-09-01
2	2	Siapa Sangka Terjatuh Cinta	Violetfasha	2024-10-05
3	3	Jangan Kacau Aku Boleh Tak?	Aidil Ghazali	2024-10-10
4	4	Sampai Masa, Benci Jadi Rindu	Aiden Adi Syah	2024-11-15
5	5	Senyum Yang Tersembunyi	Melni	2024-10-05