

# SQL (CRUD)

Example:

1. Select all articles from the **article** table.

Command:

None

```
SELECT * FROM article;
```

Screenshot of the result:

[illegible]

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1. Create a new table **reviews\_test**.

Command:

None

```
CREATE TABLE reviews_test (
  id INTEGER,
  review_name TEXT,
  review_text TEXT,
  review_author_id INTEGER,
  article_id INTEGER);
```

Screenshot of the result:



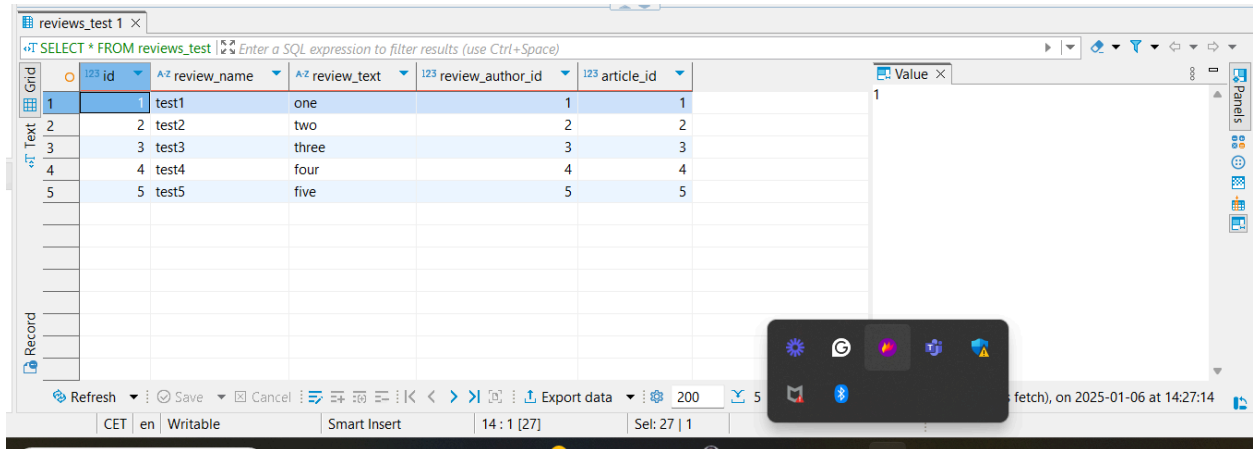
3. Select all records from the **reviews\_test** table.

Command:

None

```
SELECT * FROM reviews_test;
```

Screenshot of the result:



	id	review_name	review_text	review_author_id	article_id
1	1	test1	one	1	1
2	2	test2	two	2	2
3	3	test3	three	3	3
4	4	test4	four	4	4
5	5	test5	five	5	5

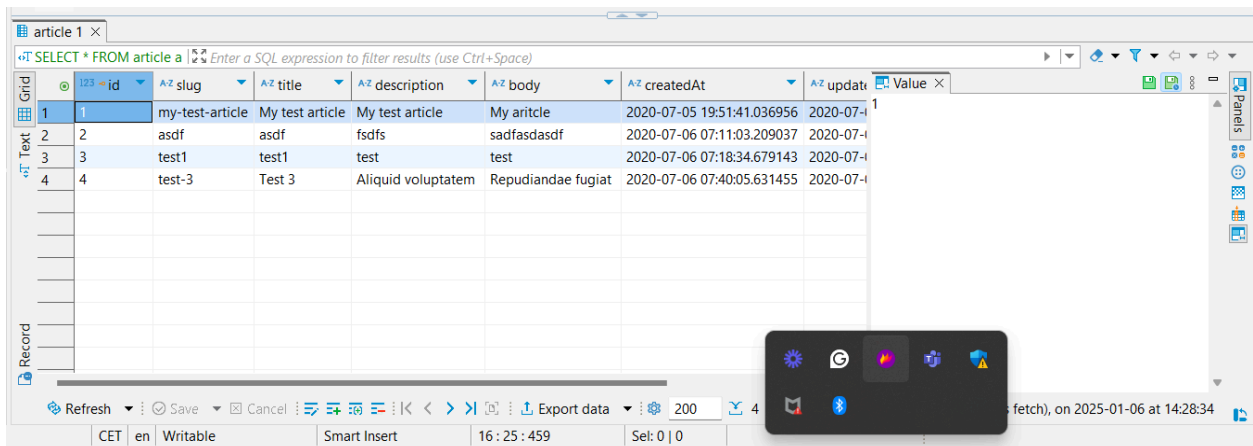
4. Select all records from the **article** table.

Command:

None

```
SELECT * FROM article a;
```

Screenshot of the result:



	id	slug	title	description	body	createdAt	updatedAt
1	1	my-test-article	My test article	My test article	My article	2020-07-05 19:51:41.036956	2020-07-05 19:51:41.036956
2	2	asdf	asdf	fsdfs	sadfasdasdf	2020-07-06 07:11:03.209037	2020-07-06 07:11:03.209037
3	3	test1	test1	test	test	2020-07-06 07:18:34.679143	2020-07-06 07:18:34.679143
4	4	test-3	Test 3	Aliquid voluptatem	Repudiandae fugiat	2020-07-06 07:40:05.631455	2020-07-06 07:40:05.631455

5. Alter the **reviews\_test** table: add a new column *created\_at*.

Command:

None

```
ALTER TABLE reviews_test  
ADD COLUMN created_at DATE;
```

Screenshot of the result:

Statistics 1	
Name	Value
Query	ALTER TABLE reviews_test ADD COLUMN created_at DATE
Updated Rows	5
Execute time	0.017s
Start time	Mon Jan 06 14:29:40 CET 2025
Finish time	Mon Jan 06 14:29:40 CET 2025

6. Update all other records in the **reviews\_test** table  
Command:

None

```
UPDATE reviews_test  
SET created_at = '01-01-2222';
```

Screenshot of the result:

Grid	123 id	A-Z review_name	A-Z review_text	123 review_author_id	123 article_id	A-Z created_at
1	1	test1	one	1	1	01-01-2222
2	2	test2	two	2	2	01-01-2222
3	3	test3	three	3	3	01-01-2222
4	4	test4	four	4	4	01-01-2222
5	5	test5	five	5	5	01-01-2222

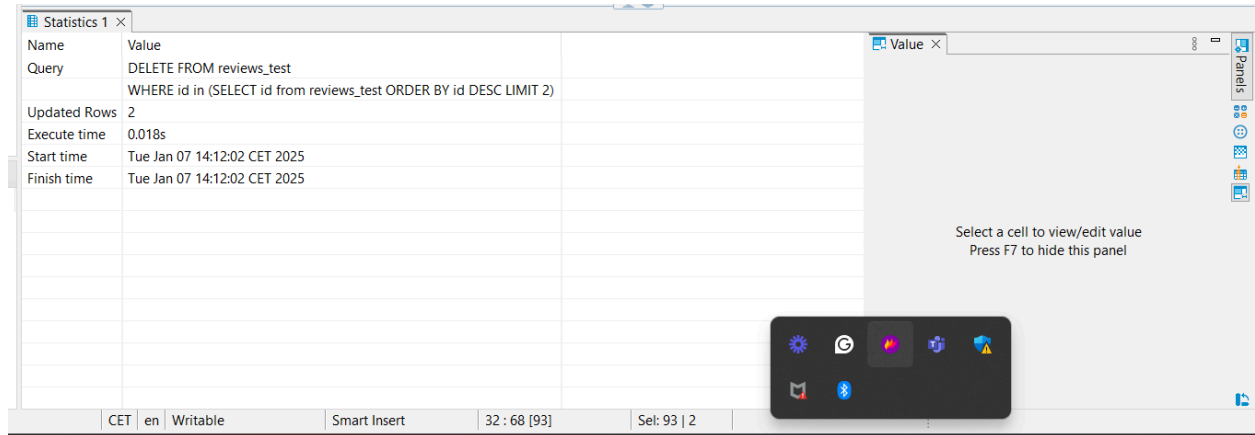
7. Delete the last 2 records in the **reviews\_test** table.

Command:

None

```
DELETE FROM reviews_test
WHERE id in (SELECT id from reviews_test ORDER BY id DESC LIMIT 2);
```

Screenshot of the result:



8. Create a new table **reviews**.

Command:

None

```
CREATE TABLE reviews (
  id PRIMARY KEY,
  review_name NOT NULL,
  review_text NOT NULL,
  review_author_id UNIQUE,
  article_id UNIQUE
);
```

Screenshot of the result: