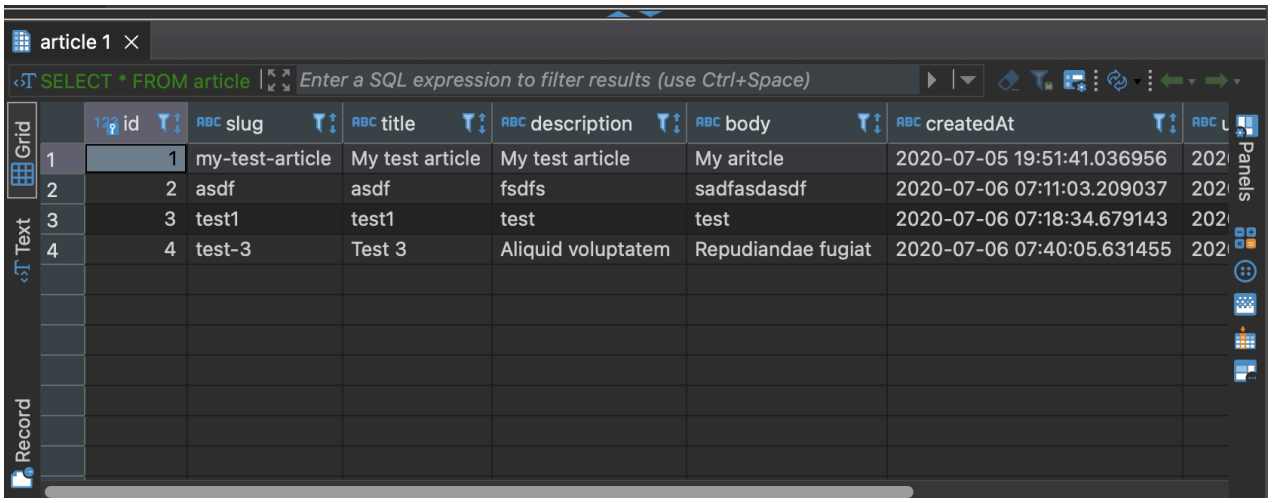
SQL (CRUD)

Example:

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

```
None
SELECT * FROM article;
```

   Screenshot of the result:



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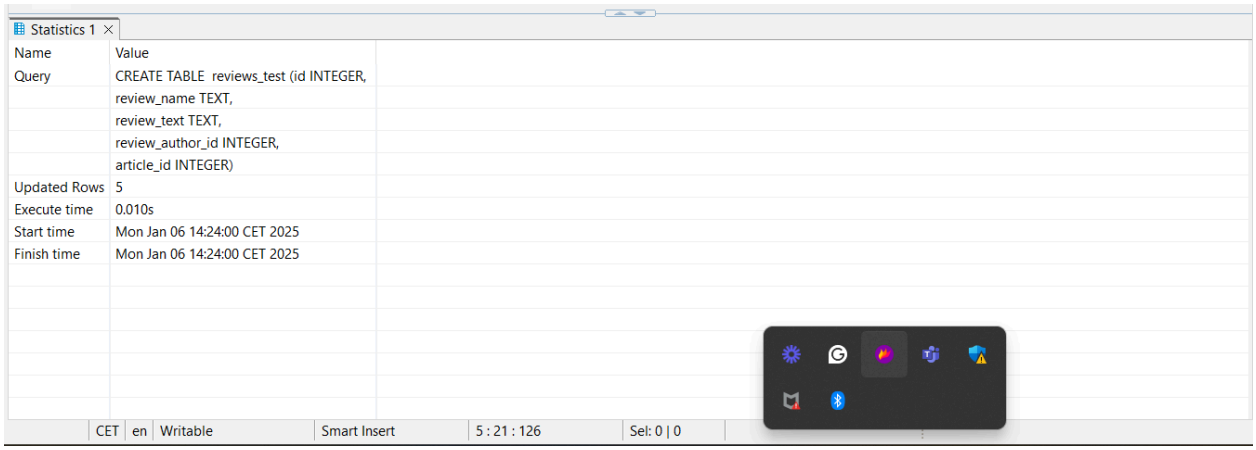
1. Create a new table **reviews_test**.
   Command:

```
None
CREATE TABLE  reviews_test (
id INTEGER,
review_name TEXT,
review_text TEXT,
review_author_id INTEGER,
article_id INTEGER);
```

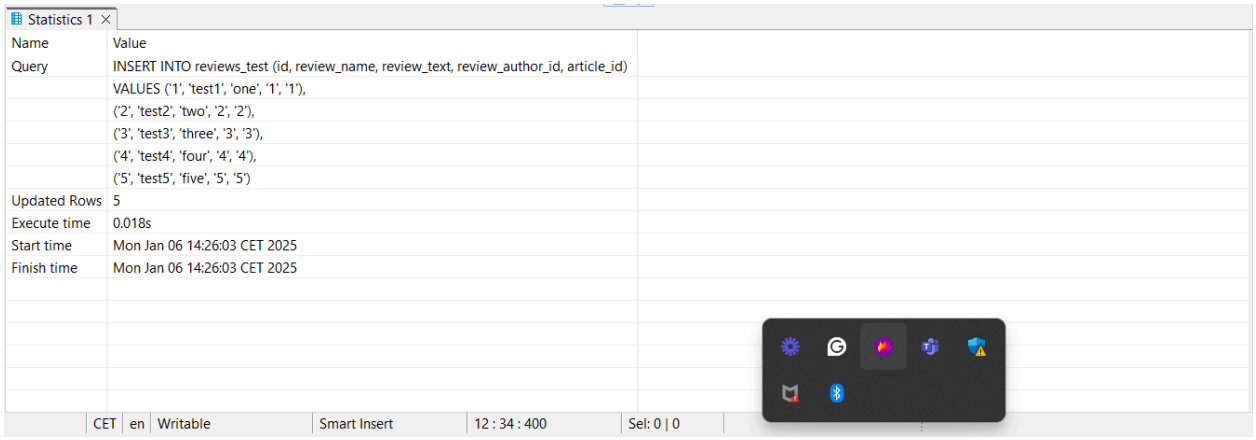
   Screenshot of the result:



2. Insert 5 new records to the **reviews_test** table.
   Command:

```
None
INSERT INTO reviews_test (id, review_name, review_text,
review_author_id, article_id)
VALUES ('1', 'test1', 'one', '1', '1'),
('2', 'test2', 'two', '2', '2'),
('3', 'test3', 'three', '3', '3'),
('4', 'test4', 'four', '4', '4'),
('5', 'test5', 'five', '5', '5');
```

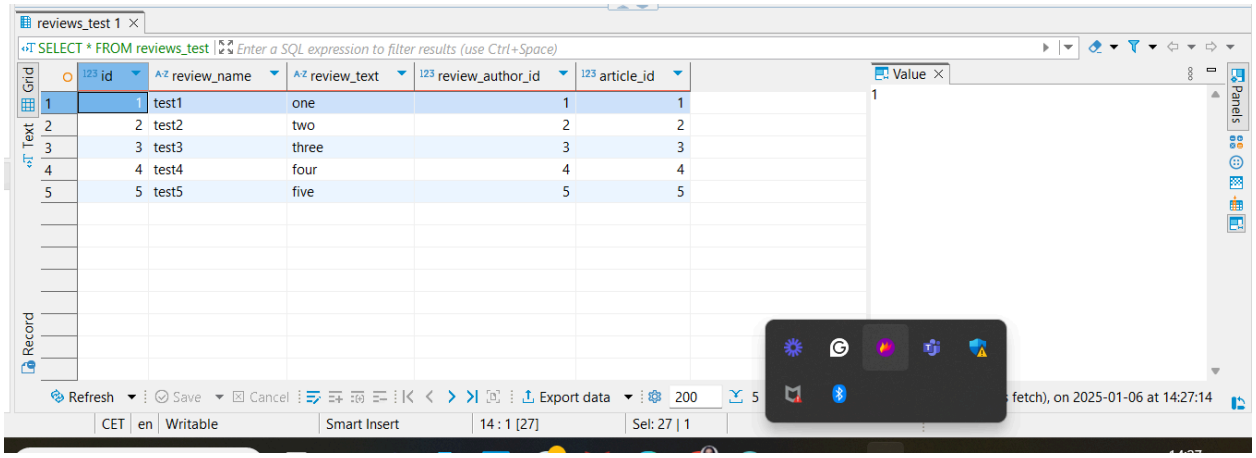
   Screenshot of the result:



3. Select all records from the **reviews_test** table.
   Command:

```
None
SELECT * FROM reviews_test;
```

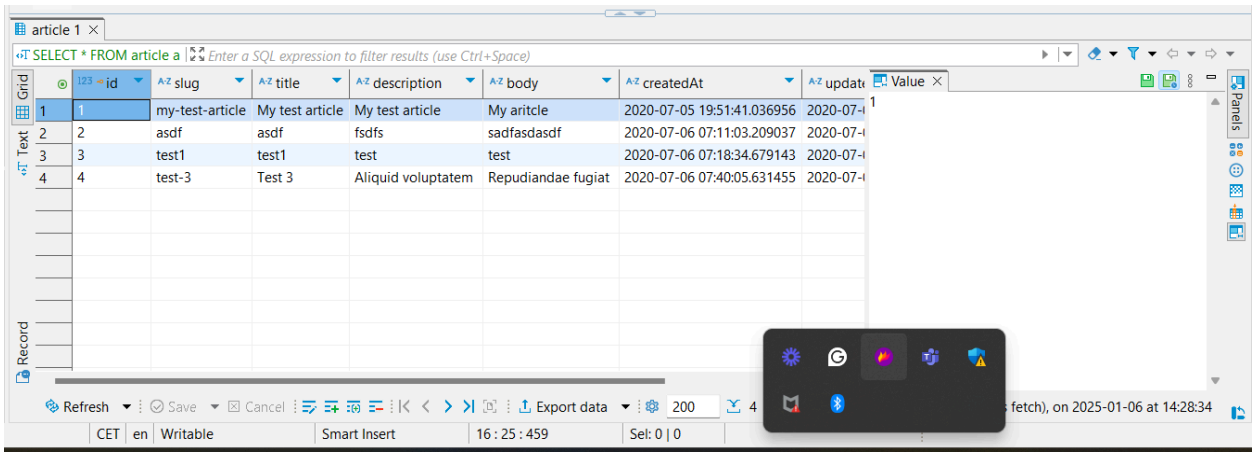
   Screenshot of the result:



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

```
None
SELECT * FROM article a;
```

   Screenshot of the result:

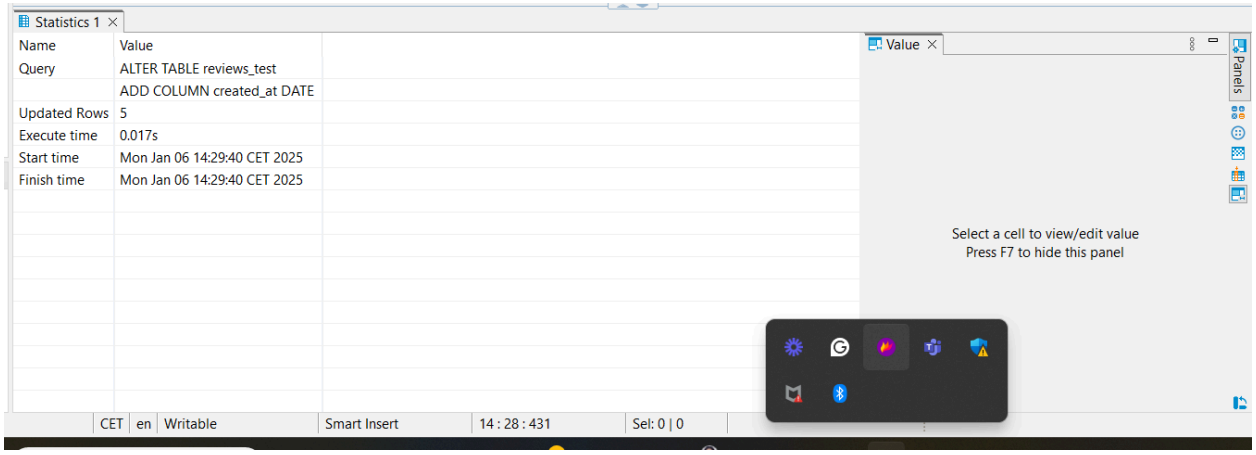


5. Alter the **reviews_test** table: add a new column *created_at*.
   Command:

None

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

Screenshot of the result:

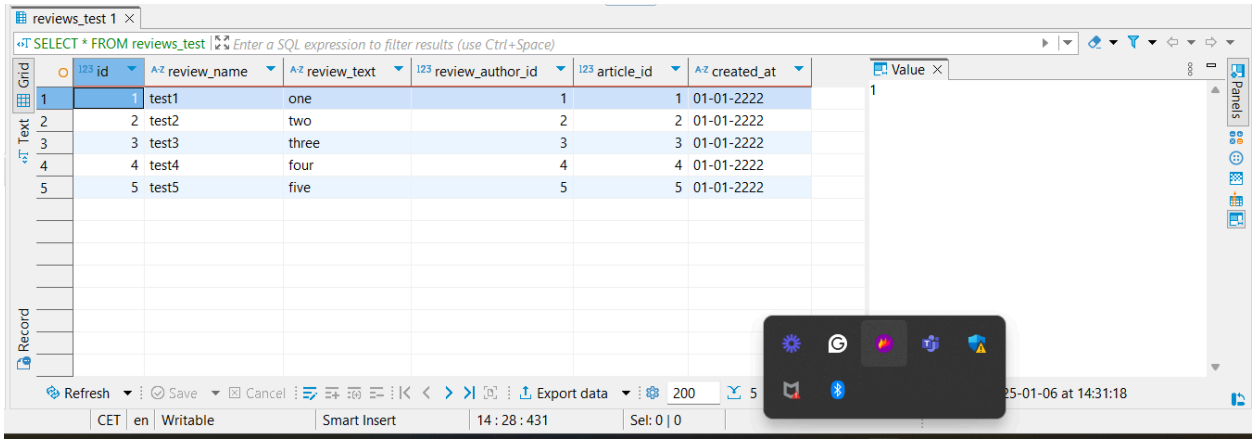


6. Update all other records in the **reviews_test** table
   Command:

None

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

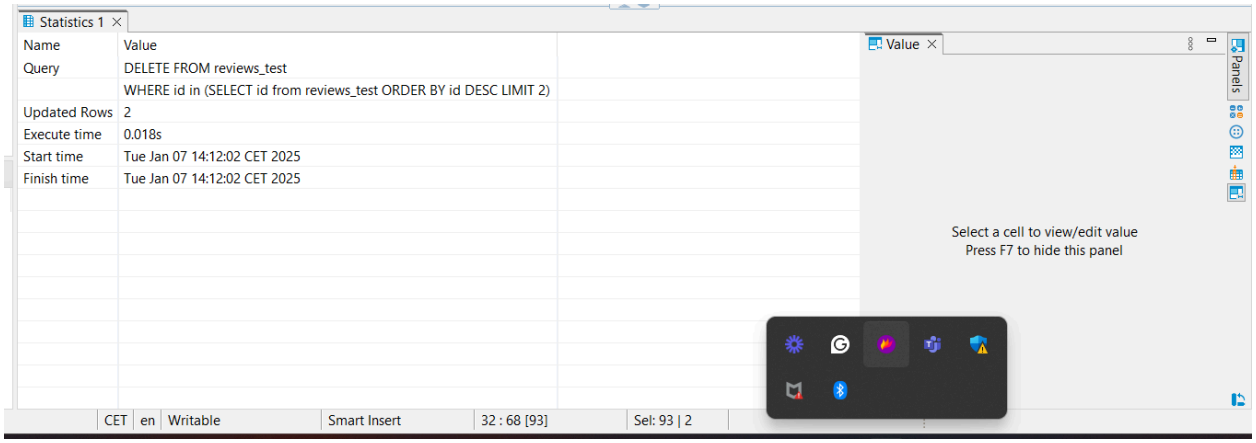
Screenshot of the result:



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: