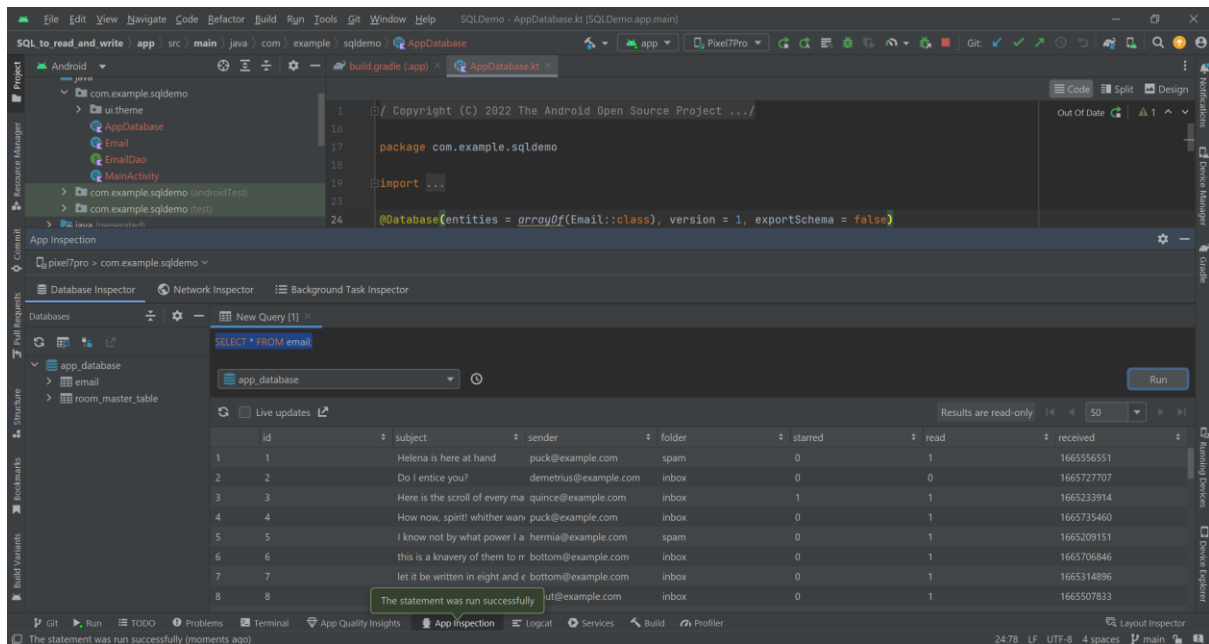


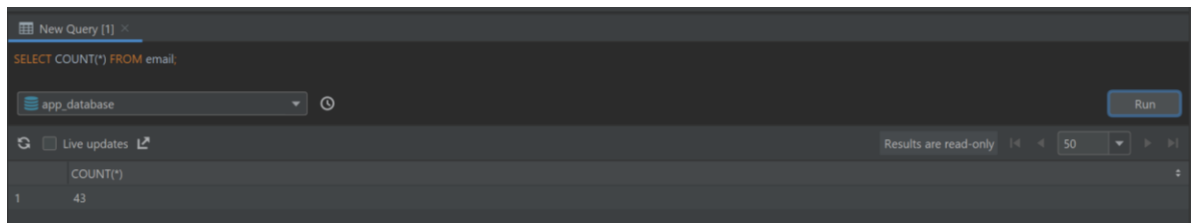
Read data with a SELECT statement

SELECT * FROM email;

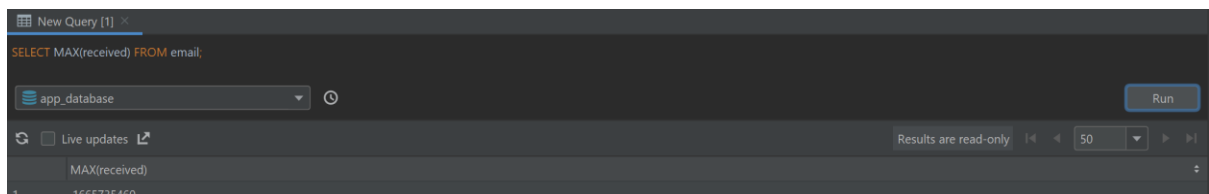


Use SELECT statements with aggregate functions and distinct values

SELECT COUNT(*) FROM email;



SELECT MAX(received) FROM email;



SELECT sender FROM email;

The screenshot shows a SQL query editor with the query `SELECT sender FROM email;` and a dropdown menu set to `app_database`. The results are displayed in a table with 8 rows. A green notification box at the bottom right states "The statement was run successfully".

	sender
1	puck@example.com
2	demetrius@example.com
3	quince@example.com
4	puck@example.com
5	hermia@example.com
6	bottom@example.com
7	bottom@example.com
8	snout@example.com

SELECT DISTINCT sender FROM email;

The screenshot shows a SQL query editor with the query `SELECT DISTINCT sender FROM email;` and a dropdown menu set to `app_database`. The results are displayed in a table with 8 rows, showing distinct email addresses. A green notification box at the bottom right states "The statement was run successfully".

	sender
1	puck@example.com
2	demetrius@example.com
3	quince@example.com
4	hermia@example.com
5	bottom@example.com
6	snout@example.com
7	snug@example.com
8	hippolytus@example.com

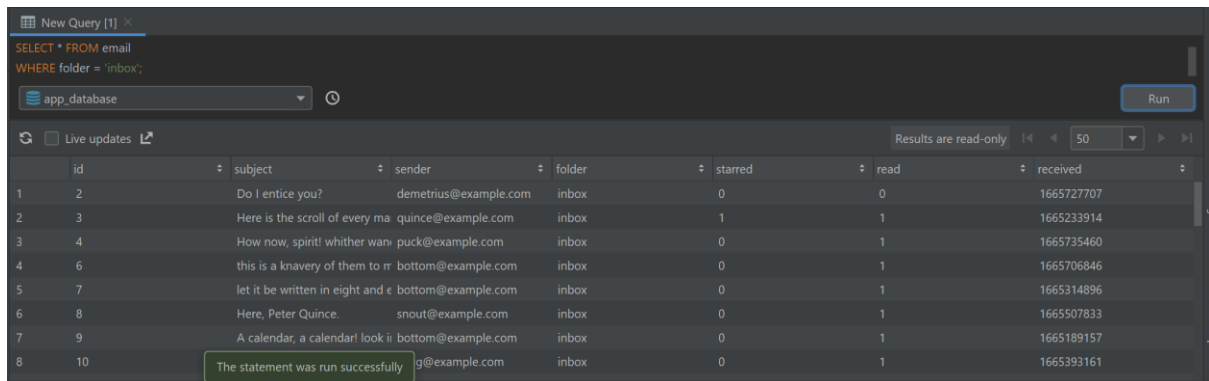
SELECT COUNT(DISTINCT sender) FROM email;

The screenshot shows a SQL query editor with the query `SELECT COUNT(DISTINCT sender) FROM email;` and a dropdown menu set to `app_database`. The results are displayed in a table with 1 row showing the count of distinct senders. A green notification box at the bottom right states "The statement was run successfully".

	COUNT(DISTINCT sender)
1	14

Filter queries with a WHERE clause

SELECT * FROM email WHERE folder = 'inbox';

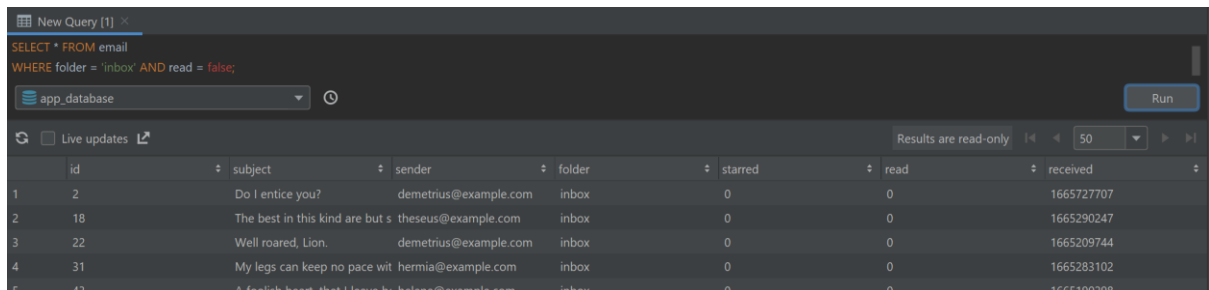


The screenshot shows a database query interface with the following components:

- Query Editor:** Contains the SQL query `SELECT * FROM email WHERE folder = 'inbox';`. Below the query is a dropdown menu set to `app_database` and a `Run` button.
- Execution Status:** A green box at the bottom of the query editor displays the message "The statement was run successfully".
- Results Table:** A table with 10 rows and 8 columns. The columns are `id`, `subject`, `sender`, `folder`, `starred`, `read`, and `received`. The data is as follows:

	id	subject	sender	folder	starred	read	received
1	2	Do I entice you?	demetrius@example.com	inbox	0	0	1665727707
2	3	Here is the scroll of every ma	quince@example.com	inbox	1	1	1665233914
3	4	How now, spirit! whither wan	puck@example.com	inbox	0	1	1665735460
4	6	this is a knavery of them to r	bottom@example.com	inbox	0	1	1665706846
5	7	let it be written in eight and €	bottom@example.com	inbox	0	1	1665314896
6	8	Here, Peter Quince.	snout@example.com	inbox	0	1	1665507833
7	9	A calendar, a calendar! look i	bottom@example.com	inbox	0	1	1665189157
8	10		g@example.com	inbox	0	1	1665393161

SELECT * FROM email WHERE folder = 'inbox' AND read = false;

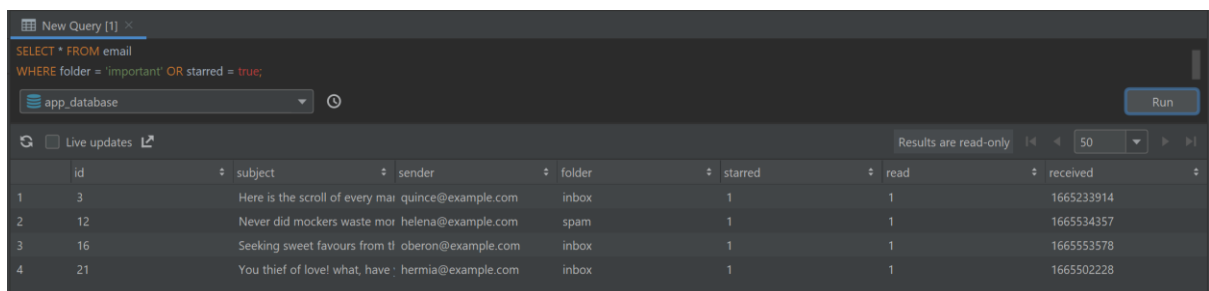


The screenshot shows a database query interface with the following components:

- Query Editor:** Contains the SQL query `SELECT * FROM email WHERE folder = 'inbox' AND read = false;`. Below the query is a dropdown menu set to `app_database` and a `Run` button.
- Results Table:** A table with 5 rows and 8 columns. The columns are `id`, `subject`, `sender`, `folder`, `starred`, `read`, and `received`. The data is as follows:

	id	subject	sender	folder	starred	read	received
1	2	Do I entice you?	demetrius@example.com	inbox	0	0	1665727707
2	18	The best in this kind are but s	theseus@example.com	inbox	0	0	1665290247
3	22	Well roared, Lion.	demetrius@example.com	inbox	0	0	1665209744
4	31	My legs can keep no pace wit	hermia@example.com	inbox	0	0	1665283102
5	43	A foolish heart, that I leave by	helena@example.com	inbox	0	0	1665191238

SELECT * FROM email WHERE folder = 'important' OR starred = true;

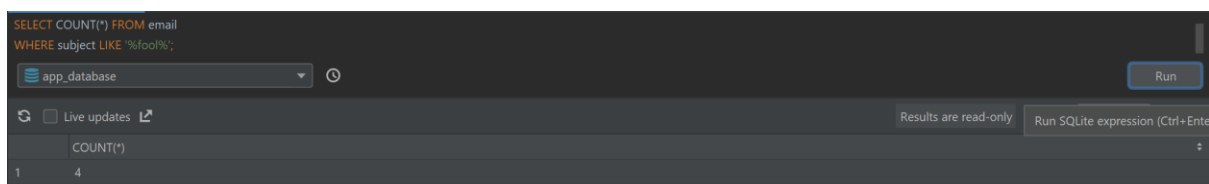


The screenshot shows a database query interface with the following components:

- Query Editor:** Contains the SQL query `SELECT * FROM email WHERE folder = 'important' OR starred = true;`. Below the query is a dropdown menu set to `app_database` and a `Run` button.
- Results Table:** A table with 4 rows and 8 columns. The columns are `id`, `subject`, `sender`, `folder`, `starred`, `read`, and `received`. The data is as follows:

	id	subject	sender	folder	starred	read	received
1	3	Here is the scroll of every ma	quince@example.com	inbox	1	1	1665233914
2	12	Never did mockers waste mor	helena@example.com	spam	1	1	1665534357
3	16	Seeking sweet favours from tl	oberon@example.com	inbox	1	1	1665553578
4	21	You thief of love! what, have	hermia@example.com	inbox	1	1	1665502228

SELECT COUNT(*) FROM email WHERE subject LIKE '%fool%';

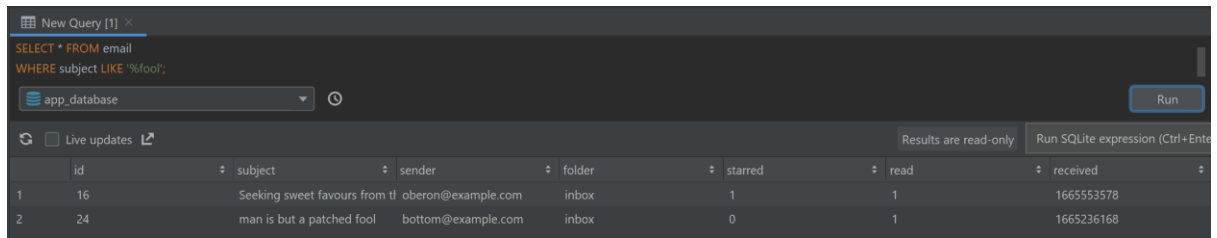


The screenshot shows a database query interface with the following components:

- Query Editor:** Contains the SQL query `SELECT COUNT(*) FROM email WHERE subject LIKE '%fool%';`. Below the query is a dropdown menu set to `app_database` and a `Run` button.
- Results Table:** A table with 1 row and 1 column. The column is `COUNT(*)`. The data is as follows:

	COUNT(*)
1	4

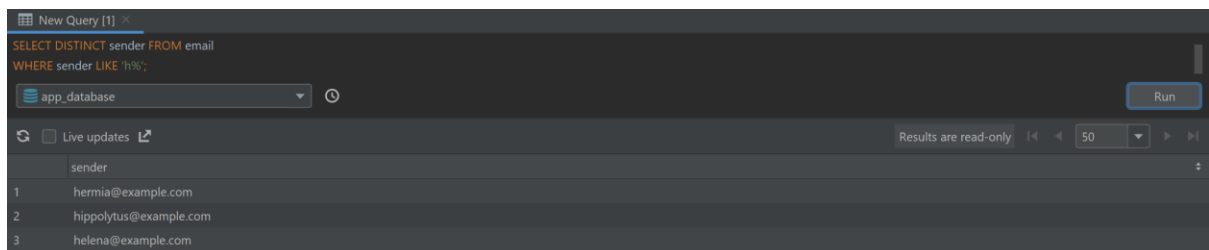
SELECT * FROM email WHERE subject LIKE '%fool';



The screenshot shows a database query interface with a query editor at the top containing the SQL query: `SELECT * FROM email WHERE subject LIKE '%fool';`. Below the editor is a dropdown menu set to `app_database` and a `Run` button. The results are displayed in a table with columns: `id`, `subject`, `sender`, `folder`, `starred`, `read`, and `received`. The results are read-only.

	id	subject	sender	folder	starred	read	received
1	16	Seeking sweet favours from tl	oberon@example.com	inbox	1	1	1665553578
2	24	man is but a patched fool	bottom@example.com	inbox	0	1	1665236168

SELECT DISTINCT sender FROM email WHERE sender LIKE 'h%';

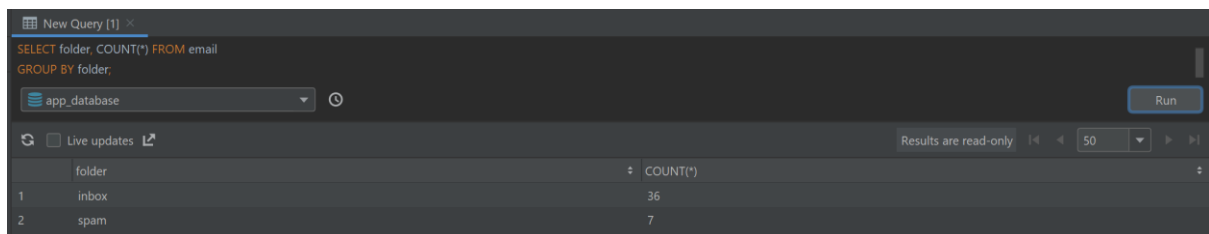


The screenshot shows a database query interface with a query editor at the top containing the SQL query: `SELECT DISTINCT sender FROM email WHERE sender LIKE 'h%';`. Below the editor is a dropdown menu set to `app_database` and a `Run` button. The results are displayed in a table with a single column: `sender`. The results are read-only.

	sender
1	hermia@example.com
2	hippolytus@example.com
3	helena@example.com

Group, order, and limit results

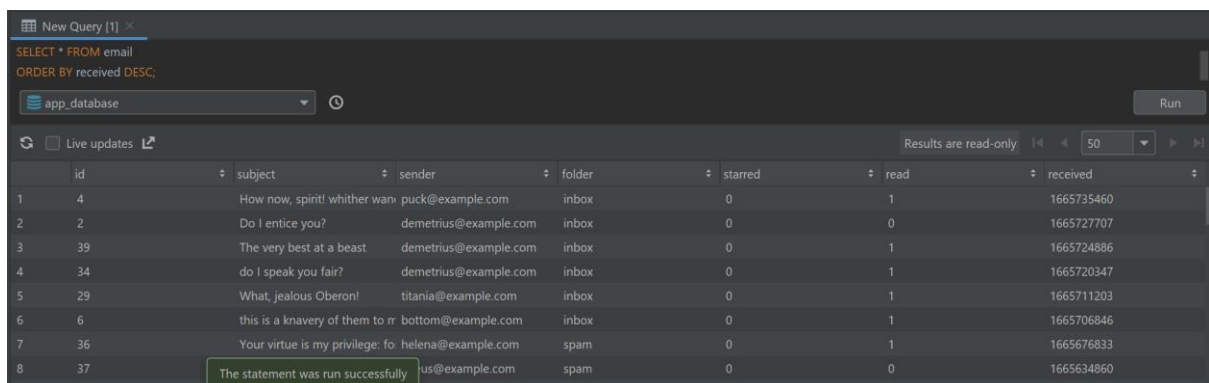
SELECT folder, COUNT(*) FROM email GROUP BY folder;



The screenshot shows a database query interface with a query editor at the top containing the SQL query: `SELECT folder, COUNT(*) FROM email GROUP BY folder;`. Below the editor is a dropdown menu set to `app_database` and a `Run` button. The results are displayed in a table with columns: `folder` and `COUNT(*)`. The results are read-only.

	folder	COUNT(*)
1	inbox	36
2	spam	7

SELECT * FROM email ORDER BY received DESC;



The screenshot shows a database query interface with a query editor at the top containing the SQL query: `SELECT * FROM email ORDER BY received DESC;`. Below the editor is a dropdown menu set to `app_database` and a `Run` button. The results are displayed in a table with columns: `id`, `subject`, `sender`, `folder`, `starred`, `read`, and `received`. The results are read-only. A green message box at the bottom left states: "The statement was run successfully".

	id	subject	sender	folder	starred	read	received
1	4	How now, spirit! whither wan	puck@example.com	inbox	0	1	1665735460
2	2	Do I entice you?	demetrius@example.com	inbox	0	0	1665727707
3	39	The very best at a beast	demetrius@example.com	inbox	0	1	1665724886
4	34	do I speak you fair?	demetrius@example.com	inbox	0	1	1665720347
5	29	What, jealous Oberon!	titania@example.com	inbox	0	1	1665711203
6	6	this is a knavery of them to rr	bottom@example.com	inbox	0	1	1665706846
7	36	Your virtue is my privilege: fo	helena@example.com	spam	0	1	1665676833
8	37	The statement was run successfully	us@example.com	spam	0	0	1665634860

SELECT * FROM email WHERE subject LIKE '%fool%' ORDER BY received ASC;

New Query [1] ×

```
WHERE subject LIKE '%fool%'
ORDER BY received ASC;
```

app_database

Run

Live updates

Results are read-only

	id	subject	sender	folder	starred	read	received
1	43	A foolish heart, that I leave h	helena@example.com	inbox	0	0	1665190298
2	24	man is but a patched fool	bottom@example.com	inbox	0	1	1665236168
3	25	Lord, what fools these mortal	puck@example.com	inbox	0	1	1665371560
4	16	Seeking sweet favours from tl	oberon@example.com	inbox	1	1	1665553578

SELECT * FROM email WHERE folder = 'inbox' ORDER BY received DESC LIMIT 10;

New Query [1] ×

```
SELECT * FROM email
WHERE folder = 'inbox'
ORDER BY received DESC
LIMIT 10;
```

app_database

Run

Live updates

Results are read-only

	id	subject	sender	folder	starred	read	received
1	4	How now, spirit! whither wan	puck@example.com	inbox	0	1	1665735460
2	2	Do I entice you?	demetrius@example.com	inbox	0	0	1665727707
3	39	The very best at a beast	demetrius@example.com	inbox	0	1	1665724886
4	34	do I speak you fair?	demetrius@example.com	inbox	0	1	1665720347
5	29	What, jealous Oberon!	titania@example.com	inbox	0	1	1665711203
6	6	The statement was run successfully	tom@example.com	inbox	0	1	1665706846

New Query [1] ×

```
SELECT * FROM email
WHERE folder = 'inbox'
ORDER BY received DESC
LIMIT 10 OFFSET 10;
```

app_database

Run

Live updates

Results are read-only

	id	subject	sender	folder	starred	read	received
1	13	Farewell, sweet playfellow: pr	hermia@example.com	inbox	0	1	1665554020
2	32	You, Nick Bottom, are set dov	quince@example.com	inbox	0	1	1665553592
3	16	Seeking sweet favours from tl	oberon@example.com	inbox	1	1	1665553578
4	30	What is Thisby? a wandering	flute@example.com	inbox	0	1	1665512801
5	8	Here, Peter Quince.	snout@example.com	inbox	0	1	1665507833
6	21	The statement was run successfully	mia@example.com	inbox	1	1	1665502228

Insert, update, and delete data in a database

New Query [1] ×

```
INSERT INTO email
VALUES (
  NULL, 'Lorem ipsum dolor sit amet', 'sender@example.com', 'inbox', false, false, CURRENT_TIMESTAMP
);
```

app_database

Run

The statement was run successfully

The statement was run successfully

New Query [1] ×

```
SELECT * FROM email
WHERE sender = 'sender@example.com';
```

app_database

Run

Live updates

Results are read-only

50

	id	subject	sender	folder	starred	read	received
1	44	Lorem ipsum dolor sit amet	sender@example.com	inbox	0	0	2023-12-16 02:57:49

New Query [1] ×

```
UPDATE email
SET read = true
WHERE id = 44;
```

app_database

Run

The statement was run successfully

The statement was run successfully

New Query [1] ×

```
SELECT * FROM email
WHERE sender = 'sender@example.com';
```

app_database

Run

Live updates

Results are read-only

50

	id	subject	sender	folder	starred	read	received
1	44	Lorem ipsum dolor sit amet	sender@example.com	inbox	0	1	2023-12-16 02:57:49

The statement was run successfully

New Query [1] ×

```
UPDATE email
SET read = true
WHERE id = 44;
```

app_database

Run

The statement was run successfully

The statement was run successfully

New Query [1] ×

```
SELECT read FROM email
WHERE id = 44;
```

app_database

Run

☐ Live updates

Results are read-only |< < 50 > >|

	read
1	1

The statement was run successfully

New Query [1] ×

```
DELETE FROM email
WHERE id = 44;
```

app_database

Run

The statement was run successfully

The statement was run successfully

New Query [1] ×

```
SELECT * FROM email
WHERE id = 44;
```

app_database

Run

☐ Live updates

Results are read-only |< < 50 > >|

id	subject	sender	folder	starred	read	received
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The statement was run successfully

Table is empty