```sql
CREATE TABLE class (
    id INT,
    name VARCHAR(30)
);

CREATE TABLE class_info (
    id INT,
    address VARCHAR(30)
);
```

Statistics 1

Name	Value
Queries	2
Updated Rows	0
Execute time	0.206s
Fetch time	0s
Total time	0.206s
Start time	2026-08-11 10:57:00.896
Finish time	2026-08-11 10:57:01.128

*<localhost> Script-1

```sql
INSERT INTO class VALUES
  (1,'abhi'),
  (2,'adam'),
  (4,'alex');

INSERT INTO class_info VALUES
  (1,'DELHI'),
  (2,'MUMBAI'),
  (3,'CHENNAI');
```

Statistics 1

Name	Value
Queries	2
Updated Rows	6
Execute time	0.034s
Fetch time	0s
Total time	0.034s
Start time	2026-08-11 10:57:51.784
Finish time	2026-08-11 10:57:51.828

*<localhost> Script-1

```
SELECT *
FROM class
CROSS JOIN class_info;
```

class(+) 1

	123 id	A-Z name	123 id	A-Z address
1	4	alex	1	DELHI
2	2	adam	1	DELHI
3	1	abhi	1	DELHI
4	4	alex	2	MUMBAI
5	2	adam	2	MUMBAI
6	1	abhi	2	MUMBAI
7	4	alex	3	CHENNAI
8	2	adam	3	CHENNAI
9	1	abhi	3	CHENNAI

*<localhost> Script-1

```sql
SELECT *
FROM class
INNER JOIN class_info
ON class.id = class_info.id;
```

class(+) 1

SELECT * FROM class INNER JOIN class_info | Enter a SQL expression to filter results (use Ctrl+Sp

	123 id	A-Z name	123 id	A-Z address
1	1	abhi	1	DELHI
2	1	abhi	1	DELHI
3	2	adam	2	MUMBAI
4	2	adam	2	MUMBAI
5	1	abhi	1	DELHI
6	1	abhi	1	DELHI
7	2	adam	2	MUMBAI
8	2	adam	2	MUMBAI
9	3	alex	3	CHENNAI
10	3	alex	3	CHENNAI

*<localhost> Script-1

```sql
SELECT class.name,
       class_info.address
FROM class
INNER JOIN class_info
ON class.id=class_info.id;
```

class(+) 1

SELECT class.name, class_info.address FRO | Enter a SQL e

	name	address
1	abhi	DELHI
2	abhi	DELHI
3	adam	MUMBAI
4	adam	MUMBAI
5	abhi	DELHI
6	abhi	DELHI
7	adam	MUMBAI
8	adam	MUMBAI
9	alex	CHENNAI
10	alex	CHENNAI

*<localhost> Script-1

```
SELECT *
FROM class
NATURAL JOIN class_info;
```

class(+) 1

SELECT * FROM class NATURAL JOIN class_ | Enter a SQL expression to filter resul

	id	name	address
1	1	abhi	DELHI
2	1	abhi	DELHI
3	2	adam	MUMBAI
4	2	adam	MUMBAI
5	1	abhi	DELHI
6	1	abhi	DELHI
7	2	adam	MUMBAI
8	2	adam	MUMBAI
9	3	alex	CHENNAI
10	3	alex	CHENNAI

*<localhost> Script-1

```sql
INSERT INTO class VALUES
(5,'ashish');

INSERT INTO class_info VALUES
(7,'NOIDA'),
(8,'PANIPAT');
```

Statistics 1

Name	Value
Updated Rows	2
Execute time	0.009s
Start time	Tue Aug 11 11:01:20 IST 2026
Finish time	Tue Aug 11 11:01:20 IST 2026
Query	INSERT INTO class_info VALUES (7,'NOIDA'), (8,'PANIPAT')

*<localhost> Script-1

```sql
SELECT *
FROM class
LEFT OUTER JOIN class_info
ON class.id=class_info.id;
```

class(+) 1

SELECT * FROM class LEFT OUTER JOIN cla | Enter a SQL expression to filter result

	123 id	A-Z name	123 id	A-Z address
1	1	abhi	1	DELHI
2	1	abhi	1	DELHI
3	2	adam	2	MUMBAI
4	2	adam	2	MUMBAI
5	4	alex	[NULL]	[NULL]
6	1	abhi	1	DELHI
7	1	abhi	1	DELHI
8	2	adam	2	MUMBAI
9	2	adam	2	MUMBAI
10	3	alex	3	CHENNAI
11	3	alex	3	CHENNAI

*<localhost> Script-1

```
SELECT *
FROM class
LEFT JOIN class_info
ON class.id=class_info.id
WHERE class_info.id IS NULL;
```

class(+) 1

SELECT * FROM class LEFT JOIN class_info

Enter a SQL expression to filter r

	123 id	A-Z name	123 id	A-Z address
1	4	alex	[NULL]	[NULL]
2	4	anu	[NULL]	[NULL]

*<localhost> Script-1

```sql
SELECT *
FROM class
RIGHT OUTER JOIN class_info
ON class.id=class_info.id;
```

class(+) 1

SELECT * FROM class RIGHT OUTER JOIN c | Enter a SQL expression to filter

	123 id	A-Z name	123 id	A-Z address
1	1	abhi	1	DELHI
2	1	abhi	1	DELHI
3	2	adam	2	MUMBAI
4	2	adam	2	MUMBAI
5	3	alex	3	CHENNAI
6	1	abhi	1	DELHI
7	1	abhi	1	DELHI
8	2	adam	2	MUMBAI
9	2	adam	2	MUMBAI
10	3	alex	3	CHENNAI

*<localhost> Script-1

```sql
SELECT *
FROM class
RIGHT JOIN class_info
ON class.id=class_info.id
WHERE class.id IS NULL;
```

class(+) 1

SELECT * FROM class RIGHT JOIN class_info

Enter a SQL expression to filter res

	123 id	A-Z name	123 id	A-Z address
1	[NULL]	[NULL]	7	NOIDA
2	[NULL]	[NULL]	8	PANIPAT

*<localhost> Script-1

```sql
SELECT * FROM class
LEFT JOIN class_info ON class.id = class_info.id

UNION

SELECT * FROM class
RIGHT JOIN class_info ON class.id = class_info.id;
```

class(+) 1

SELECT * FROM class RIGHT JOIN class_info | Enter a SQL expression to filter results (use Ctrl-

	123 id	A-Z name	123 id	A-Z address
2	1	abhi	1	DELHI
3	2	adam	2	MUMBAI
4	2	adam	2	MUMBAI
5	3	alex	3	CHENNAI
6	1	abhi	1	DELHI
7	1	abhi	1	DELHI
8	2	adam	2	MUMBAI
9	2	adam	2	MUMBAI
10	3	alex	3	CHENNAI
11	[NULL]	[NULL]	7	NOIDA
12	[NULL]	[NULL]	8	PANIPAT

*<localhost> Script-1

```sql
SELECT *
FROM class
LEFT JOIN class_info ON class.id = class_info.id
WHERE class_info.id IS NULL

UNION ALL

SELECT *
FROM class
RIGHT JOIN class_info ON class.id = class_info.id
WHERE class.id IS NULL;
```

class(+) 1

SELECT * FROM class RIGHT JOIN class_infc | Enter a SQL expression to filter results (

	123 id	A-Z name	123 id	A-Z address
1	[NULL]	[NULL]	7	NOIDA
2	[NULL]	[NULL]	8	PANIPAT

*<localhost> Script-1

```sql
name VARCHAR(30)
);

CREATE TABLE second_table(
id INT,
name VARCHAR(30)
);

INSERT INTO first_table VALUES
(1,'abhi'),
(2,'adam');

INSERT INTO second_table VALUES
(2,'adam'),
(3,'chester');
```

Statistics 1

Name	Value
Queries	4
Updated Rows	4
Execute time	0.112s
Fetch time	0s
Total time	0.112s
Start time	2026-08-11 11:06:35.864
Finish time	2026-08-11 11:06:35.983

*<localhost> Script-1

```
SELECT * FROM first_table
UNION
SELECT * FROM second_table;
```

Results 1

SELECT * FROM first_table UNION SELECT * | Enter a SQL expression to filter results (

	id	name
1	1	abhi
2	2	adam
3	3	chester

*<localhost> Script-1

```
SELECT name FROM first_table
UNION
SELECT name FROM second_table;
```

Results 1

SELECT name FROM first_table UNION SELI | Enter a SQL expression to fi

Grid | Text

	name
1	abhi
2	adam
3	chester

*<localhost> Script-1

```sql
SELECT * FROM first_table
UNION ALL
SELECT * FROM second_table;
```

Results 1

SELECT * FROM first_table UNION ALL SELE | Enter a SQL expression to filter results

Grid | Text

	123 id	A-Z name
1	1	abhi
2	2	adam
3	2	adam
4	3	chester

*<localhost> Script-1

```sql
SELECT COUNT(*)
FROM
(
SELECT * FROM first_table
UNION ALL
SELECT * FROM second_table
) A;
```

Results 1

SELECT COUNT(*) FROM (SELECT * FROM | Enter a SQL expressio

	123 COUNT(*)
1	4

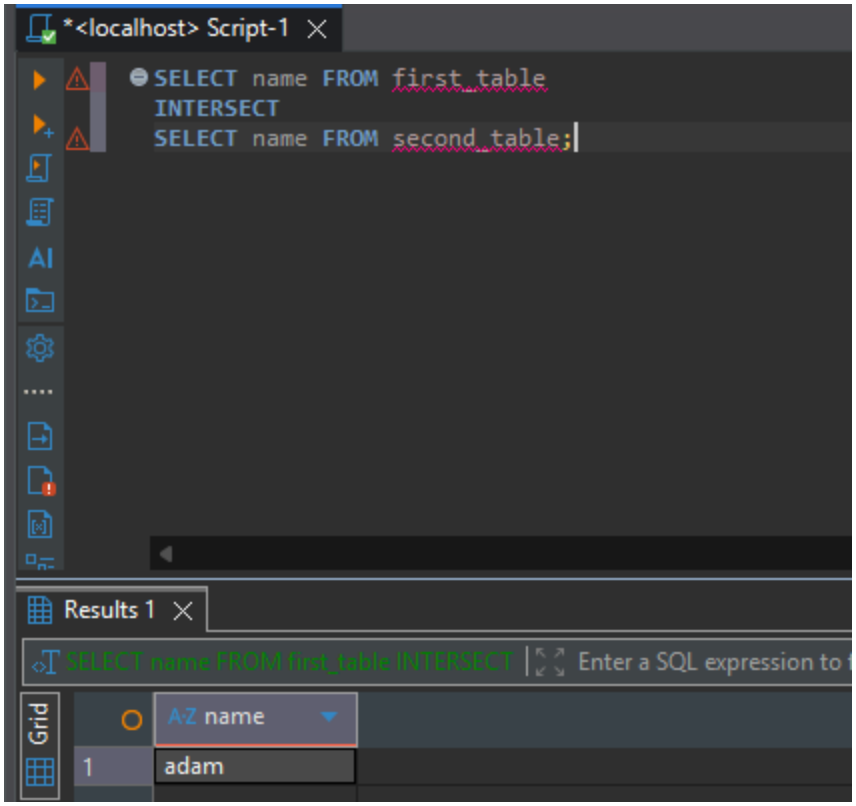
*<localhost> Script-1

```sql
SELECT * FROM first_table
INTERSECT
SELECT * FROM second_table;
```

Results 1

SELECT * FROM first_table INTERSECT SELE | Enter a SQL expres

	123 id	A-Z name
1	2	adam


*<localhost> Script-1
SELECT name FROM first_table
INTERSECT
SELECT name FROM second_table;
Results 1
SELECT name FROM first_table INTERSECT
Enter a SQL expression to f
Grid
name
1
adam

*<localhost> Script-1

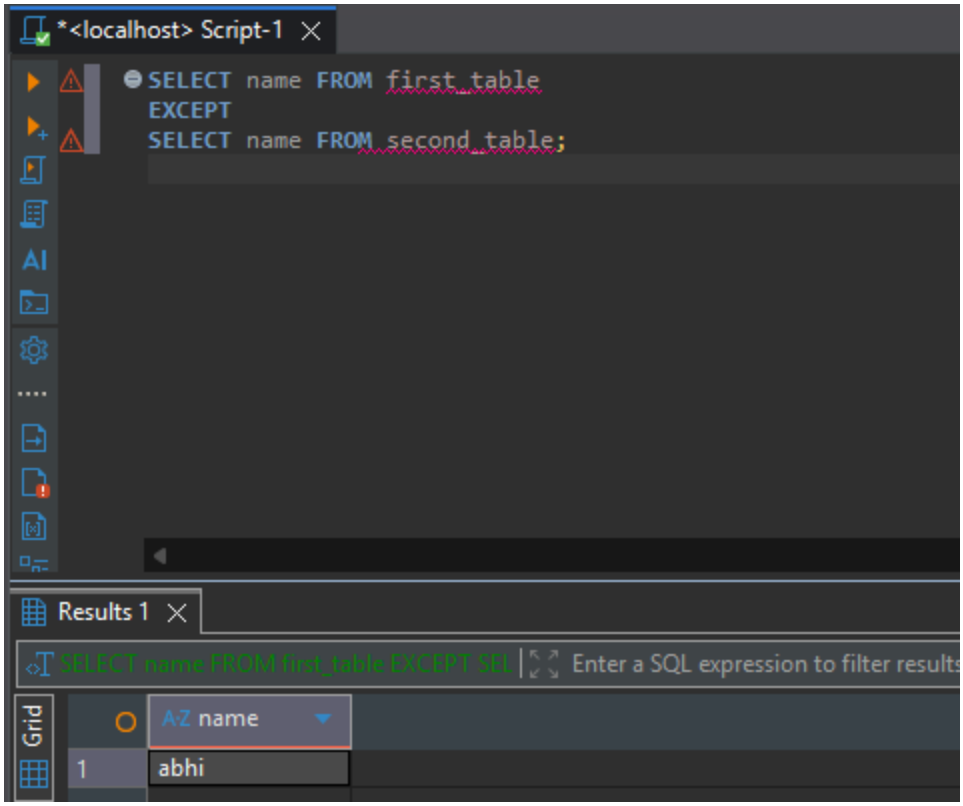
```
SELECT * FROM first_table
EXCEPT
SELECT * FROM second_table;
```

Results 1

SELECT * FROM first_table EXCEPT SELECT

Enter a SQL expression to filter results (us

	id	name
1	1	abhi


*<localhost> Script-1
SELECT name FROM first_table
EXCEPT
SELECT name FROM second_table;
Results 1
SELECT name FROM first_table EXCEPT SEL
Enter a SQL expression to filter results
Grid
name
1
abhi

*<localhost> Script-1

```sql
SELECT c.id,c.name,ci.address
FROM class c
INNER JOIN class_info ci
ON c.id=ci.id;
```

class(+) 1

SELECT c.id,c.name,ci.address FROM class | Enter a SQL expression to filter results (use Ctrl+Sp

	id	name	address
1	1	abhi	DELHI
2	1	abhi	DELHI
3	2	adam	MUMBAI
4	2	adam	MUMBAI
5	3	alex	CHENNAI
6	1	abhi	DELHI
7	1	abhi	DELHI
8	2	adam	MUMBAI
9	2	adam	MUMBAI
10	3	alex	CHENNAI

*<localhost> Script-1

```sql
SELECT c.id,
       c.name,
       CASE
           WHEN ci.address IS NULL
           THEN 'Address Missing'
           ELSE 'Address Available'
       END AS Status
  FROM class c
  LEFT JOIN class_info ci
  ON c.id=ci.id;
```

class 1

SELECT c.id, c.name, CASE WHEN ci.addre | Enter a SQL expression to filter results (use Ctrl+Spac

	id	name	Status
1	1	abhi	Address Available
2	1	abhi	Address Available
3	2	adam	Address Available
4	2	adam	Address Available
5	4	alex	Address Missing
6	1	abhi	Address Available
7	1	abhi	Address Available
8	2	adam	Address Available
9	2	adam	Address Available
10	3	alex	Address Available
11	3	alex	Address Available