Show query box

Showing rows 0 - 11 (12 total, Query took 0.0003 seconds.)

```
-- 8.Show the employee details with a revised salary. The salary is incremented in the following way:
-- a. 10% for sales department -- b. 20% for marketing department -- c. No increment for others SELECT
f_name, l_name, dept, salary, CASE WHEN dept = 'Sales' THEN salary * 1.10 WHEN dept = 'Marketing' THEN
salary * 1.20 ELSE salary END AS revised_salary FROM employee;
```

f_name	l_name	dept	salary	revised_salary
Arun	Khan	Production	90000.00	
Barun	Kumar	Marketing	80000.00	
Chitra	Kapoor	Production	60000.00	
Dheeraj	Mishra	Sales	75000.00	
Emma	Dutt	Production	55000.00	
Floki	Dutt	Accounts	70000.00	
Dheeraj	Kumar	Accounts	40000.00	
Saul	Good	R&D	60000.00	
Mou	Bhat	Sales	30000.00	
Sunny	Deol	Marketing	20000.00	
Bobby	Deol	R&D	35000.00	
Aamir	Khan	Marketing	15000.00	

Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)

```
-- 9. Determine the tax for each employee in production department based on the monthly salary. The
tax rate are as per the following data: SELECT emp_id, f_name, salary, dept, CASE WHEN salary BETWEEN
0 AND 19999 THEN 0 WHEN salary BETWEEN 20000 AND 39999 THEN salary * 0.09 WHEN salary BETWEEN 40000
AND 59999 THEN salary * 0.2 WHEN salary BETWEEN 60000 AND 79999 THEN salary * 0.3 ELSE salary * 0.45
END AS tax FROM employee WHERE dept = 'Production';
```

emp_id	f_name	salary	dept	tax
1	Arun	90000.00	Production	405
3	Chitra	60000.00	Production	180
5	Emma	55000.00	Production	110

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 24 (60 total, Query took 0.0004 seconds.)

```
-- 10. Find the Cartesian product between Employee and Department table. SELECT * FROM Employee CROSS
JOIN Department;
```

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	

emp_id	f_name	l_name	job_type	salary
5	Emma	Dutt	Engineer	
1	Arun	Khan	Manager	
5	Emma	Dutt	Engineer	
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	

f_name	l_name	d_loc		
Floki	Dutt	Delhi	Engineer	
Dheeraj	Kumar	Delhi	Engineer	
Barun	Kumar	Kol	Manager	
Sunny	Deol	Kol	Manager	
Aamir	Khan	Kol	Manager	
Arun	Khan	Kol	Manager	
Chitra	Kapoor	Kol	Engineer	
Emma	Dutt	Kol	Engineer	
Dheeraj	Mishra	Kol	Engineer	
Mou	Bhat	Kol		

emp_id	f_name	l_name	job_type	salary
5	Emma	Dutt	Engineer	
1	Arun	Khan	Manager	
5	Emma	Dutt	Engineer	
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	

f_name	l_name	d_loc		
Floki	Dutt	Delhi	Engineer	
Dheeraj	Kumar	Delhi	Engineer	
Barun	Kumar	Kol	Manager	
Sunny	Deol	Kol	Manager	
Aamir	Khan	Kol	Manager	
Arun	Khan	Kol	Manager	
Chitra	Kapoor	Kol	Manager	
Emma	Dutt	Kol	Engineer	
Dheeraj	Mishra	Kol	Engineer	
Mou	Bhat	Kol	Engineer	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

◄ ▬▬▬▬▬▬ ►

Showing rows 0 - 24 (60 total, Query took 0.0004 seconds.)

```
-- 12. Give an example of the following joins considering employee and department tables. -- k.
Natural join SELECT * FROM employee NATURAL JOIN department;
```

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	
3	Chitra	Kapoor	Engineer	

emp_id	f_name	l_name	job_type	salary
7	Dheeraj	Kumar	Clerk	
2	Barun	Kumar	Manager	
10	Sunny	Deol	Salesman	
12	Aamir	Khan	Salesman	
1	Arun	Khan	Manager	
3	Chitra	Kapoor	Engineer	
5	Emma	Dutt	Engineer	
4	Dheeraj	Mishra	Manager	
9	Mou	Bhat	Clerk	
5	Emma	Dutt	Engineer	
5	Emma	Dutt	Engineer	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 11 (12 total, Query took 0.0004 seconds.)

Showing rows 0 - 9 (10 total, Query took 0.0005 seconds.)

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	

emp_id	f_name	l_name	job_type	salary
7	Dheeraj	Kumar	Clerk	
2	Barun	Kumar	Manager	
10	Sunny	Deol	Salesman	
12	Aamir	Khan	Salesman	
1	Arun	Khan	Manager	
3	Chitra	Kapoor	Engineer	
5	Emma	Dutt	Engineer	
4	Dheeraj	Mishra	Manager	
9	Mou	Bhat	Clerk	
5	Emma	Dutt	Engineer	
5	Emma	Dutt	Engineer	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 11 (12 total, Query took 0.0004 seconds.)

Showing rows 0 - 9 (10 total, Query took 0.0005 seconds.)

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
4	Dheeraj	Mishra	Manager	
5	Emma	Dutt	Engineer	
6	Floki	Dutt	Accountant	
7	Dheeraj	Kumar	Clerk	
8	Saul	Good	Engineer	
9	Mou	Bhat	Clerk	
10	Sunny	Deol	Salesman	
11	Bobby	Deol	Engineer	
12	Aamir	Khan	Salesman	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 10 (11 total, Query took 0.0004 seconds.)

```
-- n. Right outer join SELECT * FROM employee RIGHT OUTER JOIN department ON employee.dept =
department.d_name;
```

emp_id	f_name	l_name	job_type	salary
6	Floki	Dutt	Accountant	
7	Dheeraj	Kumar	Clerk	
2	Barun	Kumar	Manager	

emp_id	f_name	l_name	job_type	salary
5	Emma	Dutt	Engineer	
6	Floki	Dutt	Accountant	
7	Dheeraj	Kumar	Clerk	
8	Saul	Good	Engineer	
9	Mou	Bhat	Clerk	
10	Sunny	Deol	Salesman	
11	Bobby	Deol	Engineer	
12	Aamir	Khan	Salesman	
NULL	NULL	NULL	NULL	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0107 seconds.)

```
-- OracleSQL Variant -- SELECT * -- FROM employee -- FULL OUTER JOIN department ON employee.dept =
-- o. Full outer join [full outer join doesn't exist as syntax in MySQL] SELECT * FROM employee LEFT
OUTER JOIN department ON employee.dept = department.d_name UNION SELECT * FROM employee RIGHT OUTER
JOIN department ON employee.dept = department.d_name;
```

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
4	Dheeraj	Mishra	Manager	

emp_id	f_name	l_name	job_type	salary
5	Emma	Dutt	Engineer	
6	Floki	Dutt	Accountant	
7	Dheeraj	Kumar	Clerk	
8	Saul	Good	Engineer	
9	Mou	Bhat	Clerk	
10	Sunny	Deol	Salesman	
11	Bobby	Deol	Engineer	
12	Aamir	Khan	Salesman	
NULL	NULL	NULL	NULL	

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0107 seconds.)

```
-- OracleSQL Variant -- SELECT * -- FROM employee -- FULL OUTER JOIN department ON employee.dept =
department.d_name; -- Full outer join (full outer join doesn't exist as syntax in MySQL) SELECT * FROM employee LEFT
OUTER JOIN department ON employee.dept = department.d_name UNION SELECT * FROM employee RIGHT OUTER
JOIN department ON employee.dept = department.d_name;
```

emp_id	f_name	l_name	job_type	salary
1	Arun	Khan	Manager	
2	Barun	Kumar	Manager	
3	Chitra	Kapoor	Engineer	
4	Dheeraj	Mishra	Manager	

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0146 seconds.)

```
-- Create the locations table CREATE TABLE locations ( location_id INT PRIMARY KEY, street_address
VARCHAR(255), postal_code VARCHAR(20), city VARCHAR(255), state_province VARCHAR(255), country_id INT,
FOREIGN KEY (country_id) REFERENCES countries(country_id) );
```

7 rows inserted. (Query took 0.0025 seconds.)

```
-- Insert data into the locations table INSERT INTO locations (location_id, street_address,
postal_code, city, state_province, country_id) VALUES (1000, '1297 Via Cola di Rie', '93091', 'Calle
della Te', 'Roma', 1), (1100, '2017 Shinjuku-ku', '9450', 'Kamiya-cho', 'Tokyo', 3), (1200, '2014
Jabberwocky Rd', '2011', 'Interiors Blvd', 'Hiroshima', 7), (1300, '2007 Zagora St', NULL,
'Southlake', 'Texas', 5), (1400, '2004 Charade Rd', '147', 'South San', 'California', 5), (1500,
'26192 Spadina Ave', '26192', 'South Brun', 'New Jersey', 5), (1600, NULL, '99236', 'Seattle',
```

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 6 (7 total, Query took 0.0003 seconds.)

```
SELECT locations.location_id, locations.street_address, locations.city, locations.state_province,
countries.country_name FROM locations NATURAL JOIN countries LIMIT 0, 25;
```

location_id	street_address	city	state_province
1000	1297 Via Cola di Rie	Calle della Te	Roma
1100	2017 Shinjuku-ku	Kamiya-cho	Tokyo
1200	2014 Jabberwocky Rd	Interiors Blvd	Hiroshima
1300	2007 Zagora St	Southlake	Texas
1400	2004 Charade Rd	South San	California
1500	26192 Spadina Ave	South Brun	New Jersey
1600	NULL	Seattle	Washington

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total, Query took 0.0004 seconds.)

```
-- 14. Write a query to find the name. SELECT employee.f_name, employee.l_name, department.hod_id FROM
employee JOIN department ON employee.emp_id = department.hod_id;
```

f_name	l_name	hod_id
Floki	Dutt	6
Barun	Kumar	2
Arun	Khan	1
Saul	Good	8
Dheeraj	Mishra	4