



Showing rows 0 - 4 (5 total, Query took 0.0003 seconds)

```
SELECT * FROM employee_table WHERE char_length(EmpName)>5;
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptId
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1066	Frauline	Salesman	1060	1978-02-08 00:00:00.000000	4000	600	1002
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1067	Phylip	Salesman	1060	1978-04-15 00:00:00.000000	3300	0	1002
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1068	Ejerson	Clerk	1060	1978-01-15 00:00:00.000000	2400	NULL	1002
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1070	Russel	Analyst	1065	1979-03-01 00:00:00.000000	3400	NULL	1003
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1072	Joseph	Analyst	1065	1981-01-09 00:00:00.000000	3100	NULL	1003

With selected: ☐ Check all ☐ Edit ☐ Copy ☐ Delete ☐ Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

3. Create a query to display total salary combined with commission of all employees.

```
SELECT EmpName, Commission, Salary + coalesce(Commission, 0) as total_salary
FROM employee_table;
```

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

```
SELECT EmpName, Commission, Salary + coalesce(Commission, 0) as total_salary FROM employee_table;
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	EmpName	Commission	total_salary
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Scott	NULL	5000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Clark	NULL	4000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Jeff	500	4000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Marko	NULL	4000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Bryan	300	3300
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Frauline	600	4600
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Phylip	0	3300
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Ejerson	NULL	2400
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Julie	NULL	2000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Russel	NULL	3400
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Buboy	NULL	3600
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Joseph	NULL	3100

`coalesce` can be used to specify multiple substitutions for a null value (in order of preference, where if the 2nd is also null, it tries the 3rd, then the 4th, etc. until a not null value is reached) and works in most databases.

4. Create a query to display annual salary of all employees.

```
SELECT SUM(Salary)*12 FROM employee_table;
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0207 seconds.)

```
SELECT SUM(Salary)*12 FROM employee_table;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

SUM(Salary)*12
495600

5. Create a query to display current Date.

✓ Showing rows 0 - 0 (1 total, Query took 0.0132 seconds.)

```
SELECT CURRENT_DATE;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

CURRENT_DATE
2023-02-28

6. Create a query to get all employees who don't get commission.

```
SELECT EmpNo, EmpName , Salary FROM employee_table WHERE Commission IS NULL;
```

✓ Showing rows 0 - 7 (8 total, Query took 0.0003 seconds.)

```
SELECT EmpNo, EmpName , Salary FROM employee_table WHERE Commission IS NULL;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	EmpNo	EmpName	Salary
<input type="checkbox"/> Edit Copy Delete	1001	Scott	5000
<input type="checkbox"/> Edit Copy Delete	1058	Clark	4000
<input type="checkbox"/> Edit Copy Delete	1060	Marko	4000
<input type="checkbox"/> Edit Copy Delete	1068	Ejerson	2400
<input type="checkbox"/> Edit Copy Delete	1069	Julie	2000
<input type="checkbox"/> Edit Copy Delete	1070	Russel	3400
<input type="checkbox"/> Edit Copy Delete	1071	Buboy	3600
<input type="checkbox"/> Edit Copy Delete	1072	Joseph	3100

7. Create a query to get all employees whose name contains character 'a'

```
SELECT * FROM employee_table WHERE EmpName LIKE '%A%';
```

✓ Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

```
SELECT * FROM employee_table WHERE EmpName LIKE '%A%';
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptId
<input type="checkbox"/> Edit Copy Delete	1058	Clark	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1001
<input type="checkbox"/> Edit Copy Delete	1060	Marko	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1003
<input type="checkbox"/> Edit Copy Delete	1065	Bryan	Salesman	1060	1979-02-04 00:00:00.000000	3000	300	1002
<input type="checkbox"/> Edit Copy Delete	1066	Frauline	Salesman	1060	1978-02-08 00:00:00.000000	4000	600	1002

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

8. Create a query to Get All employees working with the president whose name end with 'o'.

```
SELECT * FROM employee_table WHERE EmpName LIKE '%O%' AND Job="Manager";
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

```
SELECT * FROM employee_table WHERE EmpName LIKE '%O%' AND Job="Manager";
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptId
<input type="checkbox"/> Edit Copy Delete	1060	Marko	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1003

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

9. Create a query to Get the Min , Max and Average Salary of all the employees.

```
SELECT MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table;
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

```
SELECT MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

MIN(Salary)	MAX(Salary)	AVG(Salary)
2000	5000	3441.6667

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

10. Create a query to get the department details of employees working at BGC.

```
SELECT * FROM `department_table` WHERE Location="BGC";
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

```
SELECT * FROM `department_table` WHERE Location="BGC";
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

DeptId	DeptName	Location
1001	Executive	BGC

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

11. Create a query to Get the Min , Max and Average Salary of all the employees working in Marketing Department.

```
SELECT MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table WHERE DeptId="1005";
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

```
SELECT MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table WHERE DeptId="1005";
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

MIN(Salary)	MAX(Salary)	AVG(Salary)
NULL	NULL	NULL

☐ Show all | Number of rows: 25 | Filter rows: Search this table

12. Create a query to get the department wise maximum, minimum and average salary on employee table(Hint: use Inner Join).

```
SELECT employee_table.DeptId, department_table.DeptName, MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table INNER JOIN department_table ON employee_table.DeptId=department_table.DeptId GROUP BY DeptId;
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0124 seconds.)

```
SELECT employee_table.DeptId, department_table.DeptName, MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table INNER JOIN department_table ON employee_table.DeptId=department_table.DeptId GROUP BY DeptId;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

DeptId	DeptName	MIN(Salary)	MAX(Salary)	AVG(Salary)
1001	Executive	4000	5000	4500.0000
1002	Hr	2400	4000	3240.0000
1003	IT	2000	4000	3220.0000

13. Create a query to count total number of employees.

```
SELECT COUNT(EmpNo) FROM `employee_table`;
```

Your SQL query has been executed successfully.

```
SELECT COUNT(EmpNo) FROM `employee_table`;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Extra options

COUNT(EmpNo)
12

14. Create a query to display distinct salaries in employee table.

```
SELECT DISTINCT Salary FROM employee_table;
```

Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

```
SELECT DISTINCT Salary FROM employee_table;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	Salary
<input type="checkbox"/> Edit Copy Delete	5000
<input type="checkbox"/> Edit Copy Delete	4000
<input type="checkbox"/> Edit Copy Delete	3500
<input type="checkbox"/> Edit Copy Delete	3000
<input type="checkbox"/> Edit Copy Delete	3300
<input type="checkbox"/> Edit Copy Delete	2400
<input type="checkbox"/> Edit Copy Delete	2000
<input type="checkbox"/> Edit Copy Delete	3400
<input type="checkbox"/> Edit Copy Delete	3600
<input type="checkbox"/> Edit Copy Delete	3100

15. Create a query to get all employees whose names length is greater than 3 character and less than 5.

```
SELECT * FROM employee_table WHERE char_length(EmpName) > 3 AND char_length(EmpName) < 5;
```

Showing rows 0 - 5 (6 total, Query took 0.0003 seconds.)

```
SELECT * FROM employee_table WHERE char_length(EmpName) > 3 AND char_length(EmpName) < 5;
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptId
<input type="checkbox"/> Edit Copy Delete	1001	Scott	President	NULL	1978-01-01 00:00:00.000000	5000	NULL	1001
<input type="checkbox"/> Edit Copy Delete	1058	Clark	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1001
<input type="checkbox"/> Edit Copy Delete	1060	Marko	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1003
<input type="checkbox"/> Edit Copy Delete	1065	Bryan	Salesman	1060	1979-02-04 00:00:00.000000	3000	300	1002
<input type="checkbox"/> Edit Copy Delete	1069	Julie	Clerk	1065	1983-05-12 00:00:00.000000	2000	NULL	1003
<input type="checkbox"/> Edit Copy Delete	1071	Buboy	Analyst	1065	1979-03-01 00:00:00.000000	3600	NULL	1003

☐ Check all | With selected: Edit Copy Delete Export

16. Create a query to ger all employees who are getting salary 2000, 3000, 4000, 5000.

```
SELECT * FROM employee_table WHERE Salary>2000 AND Salary <5000;
```

Showing rows 0 - 9 (10 total, Query took 0.0003 seconds.)

```
SELECT * FROM employee_table WHERE Salary>2000 AND Salary <5000;
```

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows:  | Filter rows:  | Sort by key:

Extra options

	EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptId
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1058	Clark	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1001
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1059	Jeff	Manager	1001	1978-01-01 00:00:00.000000	3500	500	1002
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1060	Marko	Manager	1001	1978-01-01 00:00:00.000000	4000	NULL	1003
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1065	Bryan	Salesman	1060	1979-02-04 00:00:00.000000	3000	300	1002
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1066	Frauline	Salesman	1060	1978-02-08 00:00:00.000000	4000	600	1002
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1067	Phylip	Salesman	1060	1978-04-15 00:00:00.000000	3300	0	1002
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1068	Ejerson	Clerk	1060	1978-01-15 00:00:00.000000	2400	NULL	1002
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1070	Russel	Analyst	1065	1979-03-01 00:00:00.000000	3400	NULL	1003
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1071	Buboy	Analyst	1065	1979-03-01 00:00:00.000000	3600	NULL	1003
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1072	Joseph	Analyst	1065	1981-01-09 00:00:00.000000	3100	NULL	1003

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17. Create a query to get the top 5 highest paid employee.

18. Create a query to get the least 5 salaries of employee table.

```
SELECT DISTINCT Salary FROM employee_table ORDER BY Salary DESC LIMIT 5;
```

Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.) [Salary: 5000... - 3400...]

```
SELECT DISTINCT Salary FROM employee_table ORDER BY Salary DESC LIMIT 5;
```

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

Extra options

	Salary
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	5000
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	4000
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3600
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3500
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3400

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)



18. Create a query to get the least 5 salaries of employee table.

```
SELECT DISTINCT Salary FROM employee_table ORDER BY Salary ASC LIMIT 5;
```

✓ Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.) [Salary: 2000... - 3300...]

```
SELECT DISTINCT Salary FROM employee_table ORDER BY Salary ASC LIMIT 5;
```

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Extra options

	Salary
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2000
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2400
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3000
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3100
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3300

19. Create a query to get the total no departments in the organization.

```
SELECT DeptName, COUNT(employee_table.EmpNo) AS COUNT FROM department_table  
LEFT OUTER JOIN employee_table ON employee_table.DeptId =  
department_table.DeptId GROUP BY DeptName;
```

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

```
SELECT DeptName, COUNT(employee_table.EmpNo) AS COUNT FROM department_table LEFT OUTER JOIN employee_table ON employee_table.DeptId =  
department_table.DeptId GROUP BY DeptName;
```

☐ Profiling [ [Edit inline](#) ] [ [Edit](#) ] [ [Explain SQL](#) ] [ [Create PHP code](#) ] [ [Refresh](#) ]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

DeptName	COUNT
Executive	2
Hr	5
IT	5
Marketing	0
Sales	0

20. Create a query to get the Highest paid department with the average salary.

```
SELECT DeptId, AVG(SALARY) AS MAX_AVG_SALARY FROM employee_table GROUP BY  
DeptId ORDER BY AVG(SALARY) DESC;
```










✓ Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT DeptId, AVG(SALARY) AS MAX_AVG_SALARY FROM employee_table GROUP BY DeptId ORDER BY AVG(SALARY) DESC;
```

☐ Profiling [ [Edit inline](#) ] [ [Edit](#) ] [ [Explain SQL](#) ] [ [Create PHP code](#) ] [ [Refresh](#) ]

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

<div>← T →</div>				DeptId	MAX_AVG_SALARY
<input type="checkbox"/>	 Edit	 Copy	 Delete	1001	4500.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	1002	3240.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	1003	3220.0000

 ☐ Check all With selected:  Edit  Copy  Delete  Export