

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Local instance MySQL80

SCHEMAS

Filter objects

- carshowroom
- emp
- pavan
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Query 1

Limit to 1000 rows

```
1 /*1)Write a query to get a unique department id from the employee
2 table.*/
3 select distinct deptid from employee;
```

Result Grid

deptid
95
90

Administration Schemas

Information

No object selected

employee 10

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	10:51:27	select distinct deptid from employee LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*2)Write a query to get the names (first_name, last_name),salary
2 PF of all the employees (PF is calculated as 15% of salary).*/
3 • select name as first_name,surname as last_name,sal,
4 (0.15*sal) as PF from employee;
```

Result Grid

first_name	last_name	sal	PF
Harry	King	70000	10500.00
Mac	Mohan	60000	9000.00
Rox	Bernst	90000	13500.00
Shree	john	95000	14250.00

Administration Schemas

Information

No object selected

Result 15

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	10:58:58	select name as first_name,surname as last_name,sal, (0.15*sal) as PF from employee LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*3)Write a query to get the employee ID, names (name,surname),
2 salary in ascending order of salary.*/
3 • select eid,concat(name, ' ',surname) as names,sal from employee
4 order by sal;
```

Result Grid

eid	names	sal
102	Mac Mohan	60000
101	Harry King	70000
103	Rox Bernst	90000
104	Shree john	95000

Administration Schemas

Information

No object selected

Result 18

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:08:05	select eid concat(name," surname) as names,sal from employee order by sal LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*4)Write a query to get the total salaries payable to employees.
2 • select sum(sal) as total_salary_payable from employee;
```

Result Grid

total_salary_payable
315000

Administration Schemas

Information

No object selected

Result 21

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:12:44	select sum(sal) as total_salary_payable from employee LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*5)Write a query to get the maximum and minimum salary
2 from the employees table.*/
3 • select max(sal) as maximun_salary,min(sal) as minimun_salary
4 from employee;
```

Result Grid

	maximun_salary	minimun_salary
▶	95000	60000

Administration Schemas

Information

No object selected

Result 22

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	11:14:41	select max(sal) as maximum_salary,min(sal) as minimum_salary from employee LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*6)Write a query to get the average salary and number of
2 employees in the employees table.*/
3 • select count(eid) as no_of_employees,avg(sal) as average_salary
4 from employee;
```

Result Grid

	no_of_employees	average_salary
▶ 4		78750.0000

Administration Schemas

Information

No object selected

Result 23

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	11:15:57	select count(eid) as no_of_employees,avg(sal) as average_salary from employee LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Query 1

```
1 /*7)Write a query to get the first 5 characters of name
2 from the employees table.*/
3 • select substring(name,1,5) as first_five_characters
4 from employee;
```

Result Grid

first_five_characters
Harry
Mac
Rox
Shree

Administration Schemas

Information

No object selected

Result 26

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:29:33	select substring(name,1,5) as first_five_characters from employee LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80 x

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Query 1 x

Limit to 1000 rows

```
1 /*8)Write a query to display the name,surname, department ID of
2 all employees in departments 30 or 100 in ascending order. */
3 • select name,surname,deptid from employee
4 where eid in(30,100) order by eid;
```

Result Grid

name	surname	deptid
------	---------	--------

Administration Schemas

Information

No object selected

employee 30 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:34:31	select name,surname,deptid from employee where eid in(30,100) order by eid LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

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Query 1

```
1 /*9)Write a query to display the name of all employees who have
2 both "b" and "c" in their name. */
3 • select name from employee where name like "%b%" and
4 name like "%c%";
```

Result Grid

name

Administration Schemas

Information

No object selected

employee 33

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:39:44	select name from employee where name like "%b%" and name like "%c%" LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*10)Write a query to display the last name of employees
2 having 'e' as the third character.*/
3 • select surname from employee where name like "__e%";
```

Result Grid

Filter Rows:

Export: Wrap Cell Contents

surname

Administration Schemas

Information

No object selected

employee 35

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:43:40	select surname from employee where name like "__e%"; LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80 x

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Navigator: SCHEMAS

Filter objects

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Query 1

Limit to 1000 rows

```
1 /*11)Write a query to get the difference between
2 the highest and lowest salaries.*/
3 select max(sal)-min(sal) as difference from employee;
```

Result Grid

difference
35000

Administration Schemas

Information

No object selected

Result 36 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	17:01:09	select max(sal)-min(sal) as difference from employee LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Navigator

Schemas

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Query 1

```
1 /*12)Write a query to get the department ID and
2 the total salary payable in each department.*/
3 • select deptid,sum(sal) as total_payable_salary from employee
4 group by deptid;
```

Result Grid

deptid	total_payable_salary
95	225000
90	90000

Administration Schemas

Information

No object selected

Result 37

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	17:05:43	select deptid,sum(sal) as total_payable_salary from employee group by deptid LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

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Query 1

Limit to 1000 rows

```
1 /*13)Write a query to display the name,department name for
2 all employees.*/
3 • select e.name,d.name from employee e inner join department d
4 using(deptid);
```

Result Grid

name	name
------	------

Administration Schemas

Information

No object selected

Result 38

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*14)Write a query to find the employee id, name along
2 with their manager_id and manager name.*/
3 • select eid,name,mid,mname from employee;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Query 1

```
1 /*15) Write a query to find the name and the
2 salary of the employees who have a higher salary
3 than the employee whose surname = 'king' .*/
4 • select name,sal from employee where sal=(select max(sal)
```

Result Grid

	name	sal
▶	Mac	60000

Administration Schemas

Information

No object selected

employee 39

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	17:15:07	select name,sal from employee where sal=(select max(sal) from employee where sal<(select max(sal) from employ...	1 row(s) returned	0.000 sec / 0.000 sec