

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classmodels
- colleged
- db_sq_tutorial
- Tables
- courses
- customers
- employee
- orders
- students
- Views
- Stored Procedures
- Functions

John

librarydb

pythontest

sys

wscube

Administration Schemas

Information

No object selected

SQL File 10* students employees employee

```
1 -- 38)Find the total salary paid to employees who joined before 2020.
2
3 • SELECT SUM(salary)
4 FROM employee
5 WHERE joiningdate < '2020-01-01';
6
7
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

SUM(salary)
378733.95

Result 2 x

Action Output

#	Time	Action	Message	Duration / Fetch
2	16:29:40	SELECT SUM(salary) FROM employee WHERE joining_date < '2020-01-01' LIMIT 0, 1000	Error Code: 1054. Unknown column 'joining_date' in 'where clause'	0.015 sec
3	16:29:48	SELECT SUM(salary) FROM employee WHERE joiningdate < 2020-01-01 LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classmodels
- colleged
- db_sq_tutorial
- Tables
- courses
- customers
- employee
- orders
- students
- Views
- Stored Procedures
- Functions

John

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sys

wscube

Administration Schemas

Information

No object selected

SQL File 10* students employees employee

```
1
2 -- 37) the lowest salary among employees in the Sales department.
3 • SELECT MIN(salary) AS lowest_salary
4 FROM employee
5 WHERE department = 'Sales';
6
7
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

lowest_salary
57750.00

Result 1 x

Action Output

#	Time	Action	Message	Duration / Fetch
1	16:22:50	SELECT MIN(salary) AS lowest_salary FROM employee WHERE department = 'Sales' LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

db_sq_tutorial

Tables

employees

Result Grid

highest_salary

96430.55

SQL File 10* students employees employee

1
2 -- 35)Find the highest salary in the company.
3 • SELECT MAX(salary) AS highest_salary
4 FROM employee;
5
6

Result 1

Action Output

Time Action

59 13:38:36 SELECT MAX(salary) AS highest_salary FROM employees LIMIT 0, 1000

60 13:38:40 SELECT MAX(salary) AS highest_salary FROM employee LIMIT 0, 1000

Message

Error Code: 1146: Table 'db_sq_tutorial.employees' doesn't exist

1 row(s) returned

Duration / Fetch

0.000 sec

0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

db_sq_tutorial

Tables

employees

Result Grid

averagefinancesalary

0.000

SQL File 10* employees employee employee

1 -- 34)Calculate the average salary of employees in the Finance department.
2 • SELECT AVG(salary) AS averagefinancesalary
3 FROM employee
4 WHERE department = 'Finance';
5
6
7

Result 27

Action Output

Time Action

57 13:32:57 SELECT SUM(salary) AS salary FROM employee LIMIT 0, 1000

58 13:35:34 SELECT AVG(salary) AS averagefinancesalary FROM employee WHERE department = 'Finance' LIMIT 0, 1000

Message

1 row(s) returned

1 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

0.000 sec / 0.000 sec

Object Info Session

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MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

employee employee

1 -- 33)Retrieve the sum of salaries of all employees.

2

3 • SELECT SUM(salary) AS salary FROM employee;

4

5

6

7

Result Grid | Filter Rows | Export | Wrap Cell Content |

salary

817370.95

Result 26 x

Output

Action Output

Time Action

56 13:25:55 SELECT COUNT(*) AS ITemployee FROM employee WHERE department = 'IT' LIMIT 0, 1000

57 13:32:57 SELECT SUM(salary) AS salary FROM employee LIMIT 0, 1000

Message

1 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

employee employee

1 -- 32)Find the total number of employees in the IT department.

2 • SELECT COUNT(*) AS ITemployee

3 FROM employee

4 WHERE department = 'IT';

5

6

7

Result Grid | Filter Rows | Export | Wrap Cell Content |

ITemployee

5

Result 25 x

Output

Action Output

Time Action

55 13:24:12 SELECT COUNT(*) AS employee FROM employee LIMIT 0, 1000

56 13:25:55 SELECT COUNT(*) AS ITemployee FROM employee WHERE department = 'IT' LIMIT 0, 1000

Message

1 row(s) returned

Duration / Fetch

0.016 sec / 0.000 sec

0.000 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

employee employee

1 -- 32)Find the total number of employees in the IT department.

2 • SELECT COUNT(*) AS ITemployee

3 FROM employee

4 WHERE department = 'IT';

5

6

7

Result Grid | Filter Rows | Export | Wrap Cell Content |

ITemployee

5

Result 25 x

Output

Action Output

Time Action

55 13:24:12 SELECT COUNT(*) AS employee FROM employee LIMIT 0, 1000

56 13:25:55 SELECT COUNT(*) AS ITemployee FROM employee WHERE department = 'IT' LIMIT 0, 1000

Message

1 row(s) returned

Duration / Fetch

0.016 sec / 0.000 sec

0.000 sec / 0.000 sec

Object Info Session

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The screenshot shows the MySQL Workbench interface with the following details:

- File Bar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Schemas:** Navigator pane shows the schema structure for the db_sql_tutorial database, including tables like annu, ant, classicmodels, college, employee, customers, orders, students, and views like job, librarydb, pythonist, sys, and wscube.
- SQL Editor:** The query entered is:

```
1 -- 32)Find the total number of employees in the IT department.
2 • SELECT COUNT(*) AS ITemployee
3 FROM employee
4 WHERE department = 'IT';
5
6
7
```
- Result Grid:** The result of the query is displayed as a table:

ITEmployee
5
- Output Tab:** Shows the execution history with two rows:

Time	Action	Message
55 13:24:12	SELECT COUNT(*) AS employee FROM employee LIMIT 0, 1000	1 row(s) returned
56 13:25:55	SELECT COUNT(*) AS ITemployee FROM employee WHERE department = 'IT' LIMIT 0, 1000	1 row(s) returned
- Help:** A tooltip message "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help." is visible.

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following code:

```
-- 31)Count the total number of employees in the company.  
SELECT COUNT(*) AS employee FROM employee;
```

The Result Grid shows the output:

employee
11

The Schema list on the left shows the current schema is `db_sql_tutorial`. The Output pane at the bottom shows the following log entries:

Action	Time	Message	Duration / Fetch
Action Output	54 13:23:55	SELECT COUNT() AS total_employee FROM employee LIMIT 0, 1000 1 row(s) returned	0.000 sec / 0.000 sec
Action Output	55 13:24:12	SELECT COUNT(*) AS employee FROM employee LIMIT 0, 1000 1 row(s) returned	0.016 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

employee 22

Output

Action Output

Time Action

52 13:14:36 SELECT * FROM employee WHERE joiningdate < '2020-01-01' ORDER BY joiningdate ASC LIMIT 5

53 13:16:29 SELECT * FROM employee ORDER BY EmployeeID DESC LIMIT 3;

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
20	Jack King	39	Marketing	58653.00	2018-02-11
18	Lucas Allen	41	IT	96430.95	2016-05-09
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
52	MILL	MILL	MILL	MILL	MILL

Employee 21

Output

Action Output

Time Action

51 13:13:06 SELECT * FROM employee WHERE department = 'IT' ORDER BY salary DESC LIMIT 0, 1000

52 13:14:36 SELECT * FROM employee WHERE joiningdate < '2020-01-01' ORDER BY joiningdate ASC LIMIT 5

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
18	Lucas Allen	41	IT	96430.95	2016-05-09
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
20	Jack King	39	Marketing	58653.00	2018-02-11
4	Emily Davis	40	Sales	57750.00	2018-11-30
52	MILL	MILL	MILL	MILL	MILL

SQLAdditions

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

employee 22

Output

Action Output

Time Action

52 13:14:36 SELECT * FROM employee WHERE joiningdate < '2020-01-01' ORDER BY joiningdate ASC LIMIT 5

53 13:16:29 SELECT * FROM employee ORDER BY EmployeeID DESC LIMIT 3;

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
20	Jack King	39	Marketing	58653.00	2018-02-11
18	Lucas Allen	41	IT	96430.95	2016-05-09
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
52	MILL	MILL	MILL	MILL	MILL

Employee 21

Output

Action Output

Time Action

51 13:13:06 SELECT * FROM employee WHERE department = 'IT' ORDER BY salary DESC LIMIT 0, 1000

52 13:14:36 SELECT * FROM employee WHERE joiningdate < '2020-01-01' ORDER BY joiningdate ASC LIMIT 5

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
18	Lucas Allen	41	IT	96430.95	2016-05-09
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
20	Jack King	39	Marketing	58653.00	2018-02-11
4	Emily Davis	40	Sales	57750.00	2018-11-30
52	MILL	MILL	MILL	MILL	MILL

SQLAdditions

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MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

- courses
- customers
- employee
- orders
- students

Views

Stored Procedures

Functions

employees employee employee

1 -- 28) Retrieve employees in the IT department sorted by salary in descending order

2

3 • SELECT * FROM employee

4 WHERE department = 'IT'

5 ORDER BY salary DESC;

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
18	Lucas Allen	41	IT	96430.95	2016-05-09
10	Isabella Thomas	31	IT	85184.00	2020-12-01
6	Sophia Martinez	29	IT	82522.00	2021-01-12
15	Alexander Lewis	29	IT	81191.00	2020-06-14
2	Jane Smith	28	IT	79860.00	2020-09-23
	NULL	NULL	NULL	NULL	NULL

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

employee 19 x

Output

Action Output

Time Action

49 12:47:17 SELECT * FROM employee ORDER BY joiningdate DESC LIMIT 1

50 12:48:17 SELECT * FROM employee WHERE department = 'IT' ORDER BY salary DESC LIMIT 0, 1000

Message

1 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

5 row(s) returned

0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

- courses
- customers
- employee
- orders
- students

Views

Stored Procedures

Functions

employees employee employee

1 -- 27) Fetch employees who joined most recently.

2 • SELECT * FROM employee

3 ORDER BY joiningdate DESC

4 LIMIT 1;-- return only recently join

5

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
9	James Anderson	27	Marketing	55000.00	2022-02-14
	NULL	NULL	NULL	NULL	NULL

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

employee 18 x

Output

Action Output

Time Action

48 12:47:08 SELECT * FROM employee ORDER BY joining_date DESC LIMIT 1

49 12:47:17 SELECT * FROM employee ORDER BY joiningdate DESC LIMIT 1

Message

Error Code: 1054. Unknown column 'joining_date' in 'order clause'

1 row(s) returned

Duration / Fetch

0.000 sec

0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

1 -- 26)Get the top 10 oldest employees in the company.

```
2 • SELECT * FROM employee
3 ORDER BY age DESC
4 LIMIT 10;
5
6
7
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: | Result Grid | Form Editor | Field Types |

EmployeeID	Name	Age	Department	Salary	JoiningDate
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
18	Lucas Allen	41	IT	96430.95	2016-05-09
4	Emily Davis	40	Sales	57750.00	2018-11-30
20	Jack King	39	Marketing	58653.00	2018-02-11
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
14	Mia Clark	32	Marketing	54880.00	2021-10-29
10	Isabella Thomas	31	IT	85184.00	2020-12-01
6	Sophia Martinez	29	IT	82522.00	2021-01-12
15	Alexander Lewis	29	IT	81191.00	2020-06-14
2	Jane Smith	28	IT	79860.00	2020-09-23

employee 17 x

Action Output

Time Action

46 12:16:33 SELECT * FROM employee ORDER BY department ASC LIMIT 0, 1000
11 row(s) returned
Duration / Fetch: 0.000 sec / 0.000 sec

47 12:45:18 SELECT * FROM employee ORDER BY age DESC LIMIT 10
10 row(s) returned
Duration / Fetch: 0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

1 -- 25)Select employees sorted by department name in alphabetical order.

```
2 • SELECT * FROM employee
3 ORDER BY department ASC;
4
5
6
7
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: | Result Grid | Form Editor | Field Types |

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
6	Sophia Martinez	29	IT	82522.00	2021-01-12
10	Isabella Thomas	31	IT	85184.00	2020-12-01
15	Alexander Lewis	29	IT	81191.00	2020-06-14
18	Lucas Allen	41	IT	96430.95	2016-05-09
9	James Anderson	27	Marketing	55000.00	2022-02-14
14	Mia Clark	32	Marketing	54880.00	2021-10-29
20	Jack King	39	Marketing	58653.00	2018-02-11
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
16	Charlotte Walker	36	Sales	81900.00	2017-12-18

employee 16 x

Action Output

Time Action

45 12:13:41 SELECT * FROM employee ORDER BY age ASC LIMIT 3
3 row(s) returned
Duration / Fetch: 0.000 sec / 0.000 sec

46 12:13:33 SELECT * FROM employee ORDER BY department ASC LIMIT 0, 1000
11 row(s) returned
Duration / Fetch: 0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

```

1 -- 25)Select employees sorted by department name in alphabetical order.
2 • SELECT * FROM employee
3 ORDER BY department ASC;
4
5
6
7

```

Result Grid | Filter Rows | Edit | Export/Import | Wrap Cell Content | Result Grid | Form Editor | Field Types

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
6	Sophia Martinez	29	IT	82522.00	2021-01-12
10	Isabella Thomas	31	IT	85184.00	2020-12-01
15	Alexander Lewis	29	IT	96430.95	2016-05-09
18	Lucas Allen	41	IT	54880.00	2022-02-14
9	James Anderson	27	Marketing	53000.00	2021-10-29
14	Mia Clark	32	Marketing	54880.00	2018-02-11
20	Jack King	39	Marketing	58653.00	2018-02-11
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-01
16	Charlotte Walker	36	Sales	81900.00	2017-12-18

employee 16 x

Output

Action Output

Time	Action	Message	Duration / Fetch
45 12:13:41	SELECT * FROM employee ORDER BY age ASC LIMIT 3	3 row(s) returned	0.000 sec / 0.000 sec
46 12:16:33	SELECT * FROM employee ORDER BY department ASC LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

```

1 -- 24)Retrieve the youngest 3 employees in the company.
2 • SELECT * FROM employee
3 ORDER BY age ASC
4 LIMIT 3;
5
6
7

```

Result Grid | Filter Rows | Edit | Export/Import | Wrap Cell Content | Result Grid | Form Editor | Field Types

EmployeeID	Name	Age	Department	Salary	JoiningDate
9	James Anderson	27	Marketing	55000.00	2022-02-14
2	Jane Smith	28	IT	79860.00	2020-09-23
6	Sophia Martinez	29	IT	82522.00	2021-01-12

employee 15 x

Output

Action Output

Time	Action	Message	Duration / Fetch
44 12:11:32	SELECT * FROM employee ORDER BY salary DESC LIMIT 5	5 row(s) returned	0.015 sec / 0.000 sec
45 12:13:41	SELECT * FROM employee ORDER BY age ASC LIMIT 3	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

employee 14 x

Output

Action Output

Time Action

- 43 12:09:05 SELECT * FROM employee ORDER BY joiningdate DESC LIMIT 0, 1000
- 44 12:11:32 SELECT * FROM employee ORDER BY salary DESC LIMIT 5

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
18	Lucas Allen	41	IT	96430.95	2016-05-09
10	Isabella Thomas	31	IT	85184.00	2020-12-01
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
...					
NULL	NULL	NULL	NULL	NULL	NULL

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: |

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

employee 13 x

Output

Action Output

Time Action

- 42 12:08:58 SELECT * FROM employee ORDER BY joining_date DESC LIMIT 0, 1000
- 43 12:09:05 SELECT * FROM employee ORDER BY joiningdate DESC LIMIT 0, 1000

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
9	James Anderson	27	Marketing	55000.00	2022-02-14
14	Mia Clark	32	Marketing	54880.00	2021-10-29
6	Sophia Martinez	29	IT	82522.00	2021-01-12
10	Isabella Thomas	31	IT	81904.00	2020-12-01
2	Jane Smith	28	IT	79860.00	2020-09-23
15	Alexander Lewis	29	IT	81191.00	2020-06-14
4	Emily Davis	40	Sales	57750.00	2018-11-30
20	Jack King	39	Marketing	58653.00	2018-02-11
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
18	Lucas Allen	41	IT	96430.95	2016-05-09
...					
NULL	NULL	NULL	NULL	NULL	NULL

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: |

SQLAdditions

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MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

```

1 -- 21) Retrieve all employees sorted by salary in ascending order.
2 • SELECT * FROM employee
3 ORDER BY salary ASC;
4
5
6
7

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | SQLAdditions | < | > | Jump to |

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

EmployeeID	Name	Age	Department	Salary	JoiningDate
14	Mia Clark	32	Marketing	54880.00	2021-10-29
9	James Anderson	27	Marketing	55000.00	2022-02-14
4	Emily Davis	40	Sales	57750.00	2018-11-30
20	Jack King	39	Marketing	58653.00	2018-02-11
2	Jane Smith	28	IT	79860.00	2020-09-23
15	Alexander Lewis	29	IT	81191.00	2020-06-14
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
6	Sophia Martinez	29	IT	82522.00	2021-01-12
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
10	Isabella Thomas	31	IT	85184.00	2020-12-01
18	Lucas Allen	41	IT	96430.95	2016-05-09

employee 12 x

Output

Action Output

Action	Time	Message	Duration / Fetch
40	12:03:31	SELECT * FROM employee WHERE name LIKE '%a' LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec
41	12:07:04	SELECT * FROM employee ORDER BY salary ASC LIMIT 0, 1000	11 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

```

1 -- 22) Retrieve employees whose name ends with 'a'.
2 • SELECT * FROM employee
3 WHERE name LIKE '%a';
4
5
6
7

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | SQLAdditions | < | > | Jump to |

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

EmployeeID	Name	Age	Department	Salary	JoiningDate
1					

employee 11 x

Output

Action Output

Action	Time	Message	Duration / Fetch
39	12:02:02	SELECT * FROM employee WHERE department <> 'HR' LIMIT 0, 1000	11 row(s) returned 0.015 sec / 0.000 sec
40	12:03:31	SELECT * FROM employee WHERE name LIKE '%a' LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

employees

Result Grid | Filter Rows: Limit to 1000 rows | Edit: Export/Import: Wrap Cell Content: SQLAdditions

```

1 -- 19)Find employees who do not belong to the HR department.
2 • SELECT * FROM employee
3 WHERE department <> 'HR';
4
5
6
7

```

Employee Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
9	James Anderson	27	Marketing	55000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
14	Ma Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81191.00	2020-06-14
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
18	Lucas Allen	41	IT	96430.95	2016-05-09
20	Jack King	39	Marketing	58653.00	2018-02-11

employee 10 x

Output

Action Output

Time	Action	Message	Duration / Fetch
38 11:56:42	SELECT * FROM employee WHERE salary = 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
39 12:02:02	SELECT * FROM employee WHERE department <> 'HR' LIMIT 0, 1000	11 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegeb
- db_sql_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sql_tutorial

employees

Result Grid | Filter Rows: Limit to 1000 rows | Edit: Export/Import: Wrap Cell Content: SQLAdditions

```

1 -- 18)Fetch employees whose salary is exactly 50,000.
2 • SELECT * FROM employee
3 WHERE salary = 50000;
4
5
6
7

```

Employee Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
NULL	NULL	NULL	NULL	NULL	NULL

employee 9 x

Output

Action Output

Time	Action	Message	Duration / Fetch
37 11:55:35	SELECT * FROM employee WHERE department IN ('Marketing', 'Sales') LIMIT 0, 1000	6 row(s) returned	0.015 sec / 0.000 sec
38 11:56:42	SELECT * FROM employee WHERE salary = 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

employee

Tables

courses

customers

employee

orders

students

Views

Stored Procedures

Functions

John

librarydb

pythonist

Sys

wscube

Administration Schemas

Information

Schema: db_sql_tutorial

1 -- 17) Retrieve employees who are in either the Marketing or Sales department.

2

3 • SELECT * FROM employee

4 WHERE department IN ('Marketing', 'Sales');

5

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	HiringDate
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
9	James Anderson	27	Marketing	55000.00	2022-02-14
14	Mia Clark	32	Marketing	54880.00	2021-10-29
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
20	Jack King	39	Marketing	58653.00	2018-02-11

Result Grid Form Editor Field Types

employee 8 x

Output

Action Output

Time Action

36 11:54:21 SELECT * FROM employee WHERE name LIKE '%son%' LIMIT 0, 1000

37 11:55:35 SELECT * FROM employee WHERE department IN ('Marketing', 'Sales') LIMIT 0, 1000

Message 2 row(s) returned Duration / Fetch 0.016 sec / 0.000 sec

Message 6 row(s) returned Duration / Fetch 0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

employee

Tables

courses

customers

employee

orders

students

Views

Stored Procedures

Functions

John

librarydb

pythonist

Sys

wscube

Administration Schemas

Information

Schema: db_sql_tutorial

1 -- 16) Select all employees whose names contain 'son'.

2 • SELECT * FROM employee

3 WHERE name LIKE '%son%';

4

5

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	HiringDate
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
9	James Anderson	27	Marketing	55000.00	2022-02-14

Result Grid Form Editor Field Types

employee 7 x

Output

Action Output

Time Action

35 11:52:12 SELECT * FROM employee WHERE hiringdate BETWEEN 2018-01-01 AND 2022-12-31 LIMIT 0, 1000

36 11:54:21 SELECT * FROM employee WHERE name LIKE '%son%' LIMIT 0, 1000

Message 8 row(s) returned Duration / Fetch 0.000 sec / 0.000 sec

Message 2 row(s) returned Duration / Fetch 0.016 sec / 0.000 sec

Object Info Session

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar has sections for Navigator, Schemas, and Administration. Under Schemas, there is a tree view of databases like `annu`, `ant`, `classicmodels`, `collegeb`, and `db_sql_tutorial`. The `db_sql_tutorial` database is selected, showing tables such as `customer`, `employee`, `orders`, and `students`. The main workspace contains a query editor with the following code:

```
-- 15)Find employees who joined between '2018-01-01' and '2022-12-31'.
2 • SELECT * FROM employee
3 WHERE joiningdate BETWEEN '2018-01-01' AND '2022-12-31';
4
5
6
7
```

Below the code is a Result Grid showing the results of the query:

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
4	Emily Davis	40	Sales	57750.00	2018-11-30
6	Sophia Martinez	29	IT	82522.00	2021-01-12
9	James Anderson	27	Marketing	55000.00	2020-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
14	Mia Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81191.00	2020-06-14
20	Jack King	39	Marketing	58653.00	2018-02-11

The bottom section shows the `employee` table details and a history of recent actions:

#	Time	Action	Message	Duration / Fetch
34	11:50:57	SELECT * FROM employee WHERE salary BETWEEN 60000 AND 80000 LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
35	11:52:12	SELECT * FROM employee WHERE joiningdate BETWEEN '2018-01-01' AND '2022-12-31' LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar displays the Navigator, Schemas (with db_sql_tutorial selected), Administration, and Information sections. The main area contains a query editor with the following SQL code:

```
-- 15)Find employees who joined between '2018-01-01' and '2022-12-31'.
SELECT * FROM employee
WHERE joiningdate BETWEEN '2018-01-01' AND '2022-12-31';
```

The results grid shows the following data:

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
4	Emily Davis	40	Sales	57750.00	2018-11-30
6	Sophia Martinez	29	IT	82522.00	2021-01-12
9	James Anderson	27	Marketing	55000.00	2020-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
14	Mia Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81190.00	2020-06-14
20	Jack King	39	Marketing	58653.00	2018-02-11

The bottom section shows the output of the last executed query:

#	Time	Action	Message	Duration / Fetch
34	11:50:57	SELECT * FROM employee WHERE salary BETWEEN 60000 AND 80000 LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
35	11:52:12	SELECT * FROM employee WHERE joiningdate BETWEEN '2018-01-01' AND '2022-12-31' LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

employee 5

-- 14)Get all employees who have a salary between 60,000 and 80,000.

```

1 -- 14)Get all employees who have a salary between 60,000 and 80,000.
2
3 • SELECT * FROM employee
4 WHERE salary BETWEEN 60000 AND 80000;
5
6
7

```

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
*	HILL	HILL	HILL	HILL	HILL

Result Grid Form Editor Field Types

Context Help Snippets

Action Output

- Time Action
- 33 11:48:25 SELECT * FROM employee WHERE name LIKE 'J%' LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
- 34 11:50:57 SELECT * FROM employee WHERE salary BETWEEN 60000 AND 80000 LIMIT 0, 1000 1 row(s) returned 0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

employee 4

-- 13)Fetch employees whose names start with the letter "J".

```

1 -- 13)Fetch employees whose names start with the letter "J".
2 • SELECT * FROM employee
3 WHERE name LIKE 'J%';
4
5
6
7

```

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
9	James Anderson	27	Marketing	55000.00	2022-02-14
20	Jack King	39	Marketing	58653.00	2018-02-11
*	HILL	HILL	HILL	HILL	HILL

Result Grid Form Editor Field Types

Context Help Snippets

Action Output

- Time Action
- 32 11:47:04 SELECT * FROM employee WHERE age > 35 LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
- 33 11:48:25 SELECT * FROM employee WHERE name LIKE 'J%' LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

1 -- 12)Select employees who are older than 35.

2 • SELECT * FROM employee

3 WHERE age > 35;

4

5

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
18	Lucas Allen	41	IT	96430.95	2016-05-09
20	Jack King	39	Marketing	58653.00	2018-02-09
NULL	NULL	NULL	NULL	NULL	NULL

employee 3 x

Output

Action Output

Time Action

31 11:46:59 SELECT * FROM employees WHERE age > 35 LIMIT 0, 1000

32 11:47:04 SELECT * FROM employee WHERE age > 35 LIMIT 0, 1000

Message

Error Code: 1146: Table 'db_sq_tutorial.employees' doesn't exist

5 row(s) returned

Duration / Fetch

0.000 sec

0.000 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythonist
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

1 -- 11)Retrieve all employees who are in the IT department.

2

3 • SELECT * FROM employee

4 WHERE department = 'IT';

5

6

7

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
6	Sophia Martinez	29	IT	82522.00	2021-01-12
10	Isabella Thomas	31	IT	85184.00	2020-12-01
15	Alexander Lewis	29	IT	81191.00	2020-06-14
18	Lucas Allen	41	IT	96430.95	2016-05-09
NULL	NULL	NULL	NULL	NULL	NULL

employee 2 x

Output

Action Output

Time Action

29 11:43:47 DELETE FROM employee WHERE department = 'Finance' AND salary > 75000

30 11:45:47 SELECT * FROM employee WHERE department = 'IT' LIMIT 0, 1000

Message

4 row(s) affected

5 row(s) returned

Duration / Fetch

0.016 sec

0.000 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar displays the Navigator, Schemas (with db_sql_tutorial selected), and Administration sections. The main area contains a query editor with the following SQL code:

```
-- 8) Update the salary of employees earning less than 50,000 to 55,000.
UPDATE employees
SET salary = 55000
WHERE salary < 50000;
```

Below the code is a Result Grid showing employee data. A context help panel on the right provides information about automatic context help.

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
3	Michael Brown	35	Finance	78750.00	2018-04-10
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
7	David Lee	38	Finance	81900.00	2018-08-25
9	James Anderson	27	Marketing	55000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-10-01
13	Ethan Martin	37	Finance	76550.00	2018-09-22
14	Mia Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81191.00	2020-06-14
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
17	Remainin Hall	34	Finance	79600.00	2019-07-25

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

employee employees employee employee

SQLAdditions

1 -- 7) Remove employees who joined before 2016 from the database.

2 • **DELETE FROM employee**

3 **WHERE joiningdate < '2016-01-01';**

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
3	Michael Brown	35	Finance	79750.00	2019-04-10
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
7	David Lee	38	Finance	81900.00	2016-08-25
9	James Anderson	27	Marketing	49000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
13	Ethan Martin	37	Finance	76650.00	2018-09-22
14	Mia Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81191.00	2020-06-14
16	Charlotte Walker	36	Sales	81900.00	2017-12-18
17	Benjamin Hall	34	Finance	79601.00	2019-07-25

Result Grid

Action Output

Time	Action	Message	Duration / Fetch
24 10:10:54	DELETE FROM employee WHERE joiningdate < '2016-01-01'	1 row(s) affected	0.000 sec
25 10:11:05	SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

employee employees employee employee

SQLAdditions

1 -- 6) Write a query to delete employees from the HR department.

2 • **DELETE FROM employee**

3 **WHERE department = 'HR';**

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
2	Jane Smith	28	IT	79860.00	2020-09-23
3	Michael Brown	35	Finance	79750.00	2019-04-10
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
7	David Lee	38	Finance	81900.00	2016-08-25
9	James Anderson	27	Marketing	49000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
11	William Harris	42	Sales	89600.00	2017-03-01
13	Ethan Martin	37	Finance	76650.00	2018-09-22
14	Mia Clark	32	Marketing	54880.00	2021-10-29
15	Alexander Lewis	29	IT	81191.00	2020-06-14
16	Charlotte Walker	36	Sales	81900.00	2017-12-18

Result Grid

Action Output

Time	Action	Message	Duration / Fetch
22 10:07:50	DELETE FROM employee WHERE department = 'HR'	4 row(s) affected	0.000 sec
23 10:08:01	SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000	16 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

```

1 -- 5)Decrease the salary of employees in the Marketing department by 2%
2
3 • UPDATE employee
4 SET salary = salary * 0.98
5 WHERE department = 'Marketing';
6

```

Result Grid | Filter Rows | Edit | Export/Import | Wrap Cell Content: 13

EmployeeID	Name	Age	Department	Salary	JoiningDate
1	John Doe	31	HR	50000.00	2021-06-15
2	Jane Smith	28	IT	79860.00	2020-09-23
3	Michael Brown	35	Finance	78750.00	2019-04-10
4	Emily Davis	40	Sales	57750.00	2018-11-30
5	Daniel Wilson	45	Sales	84000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
7	David Lee	38	Finance	81900.00	2016-08-25
8	Olivia Taylor	33	HR	55650.00	2019-05-18
9	James Anderson	27	Marketing	49000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
11	William Harris	42	Sales	89250.00	2015-03-07
12	Ava White	26	HR	49000.00	2023-01-05
13	Phan Martin	17	Finance	76541.00	2018-04-22

employee_1

Result Grid Form Editor Field Types

Object Info Session

Action Output

Time Action

20 10:05:17 UPDATE employee SET salary = salary * 0.98 WHERE department = 'Marketing' 3 rows affected. Rows matched: 3 Changed: 3 Warnings: 0 Duration / Fetch: 0.016 sec / 0.000 sec

21 10:05:33 SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000 20 row(s) returned Duration / Fetch: 0.015 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

```

1 -- 4)Increase the salary of employees who have been in the company since before 2020 by
2
3 • UPDATE employee
4 SET salary = salary * 1.05
5 WHERE joiningdate < '2020-01-01';
6
7

```

Output

Action Output

Time Action

18 10:02:37 SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000 20 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec

19 10:02:42 SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000 20 row(s) returned Duration / Fetch: 0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

students employees employee employee employee employee employee employee employee employee employee employee

1 -- 3)Update the department of "Emily Davis" to "Sales".

```

3 • UPDATE employees
4 SET age = 31
5 WHERE name = 'John Doe';
6

```

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
1	John Doe	31	HR	50000.00	2021-06-15
2	Jane Smith	28	IT	79860.00	2020-09-23
3	Michael Brown	35	Finance	75000.00	2019-04-10
4	Emily Davis	40	Sales	55000.00	2018-11-30
5	Daniel Wilson	45	Sales	80000.00	2017-07-20
6	Sophia Martinez	29	IT	82522.00	2021-01-12
7	David Lee	38	Finance	78000.00	2016-08-25
8	Olivia Taylor	33	HR	53000.00	2019-05-18
9	James Anderson	27	Marketing	50000.00	2022-02-14
10	Isabella Thomas	31	IT	85184.00	2020-12-01
11	William Harris	42	Sales	85000.00	2015-03-07
12	Ava White	26	HR	49000.00	2023-01-05
13	Phan Martin	37	Finance	79991.00	2018-04-22

employee_1

Output

Action Output

Time	Action	Message	Duration / Fetch
12 09:47:40	UPDATE employee SET department = 'Sales' WHERE name = 'Emily Davis'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
13 09:47:50	SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000	20 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

students students students students employees employee employees employee employee employee employee

1 -- 2)Modify the age of the employee named "John Doe" to 31.

```

2 • UPDATE employee
3 SET age = 31
4 WHERE name = 'John Doe';
5

```

Output

Action Output

Time	Action	Message	Duration / Fetch
7 09:44:24	UPDATE employees SET age = 31 WHERE name = 'John Doe'	Error Code: 1146. Table 'db_sq_tutorial employees' doesn't exist	0.000 sec
8 09:44:32	UPDATE employee SET age = 31 WHERE name = 'John Doe'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

Tables

- courses
- customers
- employee
- orders
- students

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

Output

Action Output

Time Action Message Duration / Fetch

5 09:41:19 UPDATE employee SET salary = salary * 1.10 WHERE department = 'IT'; 5 row(s) affected Rows matched: 5 Changed: 5 Warnings: 0 0.016 sec

6 09:42:03 UPDATE employee SET salary = salary * 1.10 WHERE department = 'IT'; 5 row(s) affected Rows matched: 5 Changed: 5 Warnings: 0 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegebd
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys

Tables

- courses
- customers
- department
- employee
- orders
- students

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: db_sq_tutorial

Result Grid

EmployeeID	Name	Age	Department	Salary	JoiningDate
1	John Doe	30	HR	50000.00	2021-06-15
2	Jane Smith	28	IT	60000.00	2020-09-23
3	Michael Brown	35	Finance	75000.00	2019-04-10
4	Emily Davis	40	Marketing	55000.00	2018-11-30
5	Daniel Wilson	45	Sales	80000.00	2017-07-20
6	Sophia Martinez	29	IT	62000.00	2021-01-15
7	David Lee	38	Finance	78000.00	2016-08-25
8	Olivia Taylor	33	HR	58000.00	2020-05-15
9	Christopher	27	Marketing	60000.00	2022-02-14
10	Rashida Thomas	42	IT	64000.00	2020-12-01
11	William Morris	42	Sales	65000.00	2015-03-07
12	Ava White	26	HR	49000.00	2023-01-05
13	Fiona Martin	37	Finance	79000.00	2018-09-27

employee 1

Result Grid

Form Editor

Field Types

Object Info Session

Output

Action Output

Time Action Message Duration / Fetch

4 08:58:11 INSERT INTO Employee (Name, Age, Department, Salary, JoiningDate) VALUES ('John Doe', 30, 'HR', 50000, 2021-06-15); 20 row(s) affected Records: 20 Duplicates: 0 Warnings: 0 0.000 sec

5 08:58:34 SELECT * FROM db_sq_tutorial.employee LIMIT 0, 1000; 20 row(s) returned 0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegedb
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

SQL File 10* students students students students courses courses courses employees

```
1 -- Insert 20 records into Employee table
2 INSERT INTO Employee (Name, Age, Department, Salary, JoiningDate) VALUES
3 ('John Doe', 30, 'HR', 50000, '2021-06-15'),
4 ('Jane Smith', 28, 'IT', 60000, '2020-09-23'),
5 ('Michael Brown', 35, 'Finance', 75000, '2019-04-10'),
6 ('Emily Davis', 40, 'Marketing', 55000, '2018-11-30'),
7 ('Daniel Wilson', 45, 'Sales', 80000, '2017-07-20'),
8 ('Sophia Martinez', 29, 'IT', 62000, '2021-01-12'),
9 ('David Lee', 38, 'Finance', 78000, '2016-08-25'),
10 ('Olivia Taylor', 33, 'HR', 53000, '2019-05-18'),
11 ('James Anderson', 27, 'Marketing', 50000, '2022-02-14'),
12 ('Isabella Thomas', 31, 'IT', 64000, '2020-12-01'),
13 ('William Harris', 42, 'Sales', 85000, '2015-03-07'),
14 ('Ava White', 26, 'HR', 49000, '2023-01-05'),
15 ('Ethan Martin', 37, 'Finance', 73000, '2018-09-22'),
16 ('Mia Clark', 32, 'Marketing', 56000, '2021-10-29'),
17 ('Alexander Lewis', 29, 'IT', 61000, '2020-06-14'),
18 ('Charlotte Walker', 36, 'Sales', 78000, '2017-12-18'),
19 ('Benjamin Hall', 34, 'Finance', 72000, '2019-07-25'),
20 ...
```

Administration Schemas

Information

Schema: db_sq_tutorial

Object Info Session

Output

Action Output

Time	Action	Message	Duration / Fetch
3 08:51:22	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), Age INT, Department VARCHAR(50), Salary DECIMAL(10,2), JoiningDate DATE)	0 row(s) affected	0.031 sec
4 08:58:11	INSERT INTO Employee (Name, Age, Department, Salary, JoiningDate) VALUES ('John Doe', 30, 'HR', 50000, '2021-06-15')	20 row(s) affected Records: 20 Duplicates: 0 Warnings: 0	0.000 sec

Context Help Snippets

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- annu
- ant
- classicmodels
- collegedb
- db_sq_tutorial
- john
- librarydb
- pythontest
- sys
- wscube

SQL File 10* students students students students courses courses courses employees

```
1 -- Create Employee Table
2 CREATE TABLE Employee (
3     EmployeeID INT PRIMARY KEY AUTO_INCREMENT,
4     Name VARCHAR(50),
5     Age INT,
6     Department VARCHAR(50),
7     Salary DECIMAL(10,2),
8     JoiningDate DATE
9 );
```

Administration Schemas

Information

Schema: db_sq_tutorial

Object Info Session

Output

Action Output

Time	Action	Message	Duration / Fetch
2 08:44:27	DROP TABLE `db_sq_tutorial`.`employees`	0 row(s) affected	0.063 sec
3 08:51:22	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), Age INT, Department VARCHAR(50), Salary DECIMAL(10,2), JoiningDate DATE)	0 row(s) affected	0.031 sec