

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Schemas

Filter objects

- annu
- ant
- classicmodels
- collegedb
- db_sql_tutorial
- indexing
- Tables
 - department
 - employee
 - Views
 - Stored Procedures
 - Functions
- john
- librarydb
- office
- pythontest
- sys
- wscube

Administration Schemas

Information

Schema: indexing

SQL File 6 project employeeproject department employee employee department employee department

```
1 CREATE TABLE Department (  
2   DepartmentID INT PRIMARY KEY AUTO_INCREMENT,  
3   DepartmentName VARCHAR(50),  
4   Location VARCHAR(50)  
5 );
```

Result Grid

DepartmentID	DepartmentName	Location
1000		

department 1 x

Output

Action	Time	Message	Duration / Fetch
18	20:04:38	CREATE TABLE Department (DepartmentID INT PRIMARY KEY AUTO_INCREMENT, DepartmentName VARC...	0 row(s) affected 0.031 sec
19	20:04:48	SELECT * FROM indexing.department LIMIT 0, 1000	0 row(s) returned 0.016 sec / 0.000 sec

Object Info Session

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Administration Schemas

Information

Schema: indexing

SQL File 6 project employeeproject department employee employee department employee department

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

Result Grid

EmployeeID	Name	Age	DepartmentID	Salary	JoiningDate
1000					

employee 1 x

Output

Action	Time	Message	Duration / Fetch
16	20:00:25	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), Age I...	0 row(s) affected 0.031 sec
17	20:00:45	SELECT * FROM indexing.employee LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec

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Administration Schemas

Information

Schema: office

SQL File 10'

Limit to 1000 rows

```
1 INSERT INTO Project (ProjectName, DepartmentID, StartDate, EndDate) VALUES
2 ('AI Development', 2, '2023-01-01', '2025-12-31'),
3 ('Financial Analysis', 3, '2022-06-01', '2024-12-31'),
4 ('Marketing Campaign', 4, '2023-02-01', '2023-12-31'),
5 ('HR Automation', 1, '2021-01-01', '2023-06-30'),
6 ('Sales Optimization', 5, '2022-09-01', '2024-08-31');
```

Result Grid

ProjectID	ProjectName	DepartmentID	StartDate	EndDate
1	AI Development	2	2023-01-01	2025-12-31
2	Financial Analysis	3	2022-06-01	2024-12-31
3	Marketing Campaign	4	2023-02-01	2023-12-31
4	HR Automation	1	2021-01-01	2023-06-30
5	Sales Optimization	5	2022-09-01	2024-08-31

Output

project 1 x

Action Output

Time	Action	Message	Duration / Fetch
23 12:19:10	INSERT INTO Project (ProjectName, DepartmentID, StartDate, EndDate) VALUES ('AI Development', 2, '2023-01-01', '2025-12-31')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
24 12:19:29	SELECT * FROM office.project LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

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SCHEMAS

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Administration Schemas

Information

Schema: office

SQL File 10'

Limit to 1000 rows

```
1 INSERT INTO Employee (Name, Age, DepartmentID, Salary, JoiningDate) VALUES
2 ('John Doe', 30, 1, 50000, '2021-06-15'),
3 ('Jane Smith', 28, 2, 60000, '2020-09-23'),
4 ('Michael Brown', 35, 3, 75000, '2019-04-10'),
5 ('Emily Davis', 40, 4, 55000, '2018-11-30'),
6 ('Daniel Wilson', 45, 5, 80000, '2017-07-20'),
7 ('Sophia Martinez', 29, 2, 62000, '2021-01-12');
```

Result Grid

EmployeeID	Name	Age	DepartmentID	Salary	JoiningDate
11	John Doe	30	1	50000.00	2021-06-15
12	Jane Smith	28	2	60000.00	2020-09-23
13	Michael Brown	35	3	75000.00	2019-04-10
14	Emily Davis	40	4	55000.00	2018-11-30
15	Daniel Wilson	45	5	80000.00	2017-07-20
16	Sophia Martinez	29	2	62000.00	2021-01-12
17	David Lee	38	3	78000.00	2016-08-25
18	Olivia Taylor	33	1	53000.00	2019-05-18
19	James Anderson	27	4	50000.00	2022-02-14
20	Isabella Thomas	31	2	64000.00	2020-12-01

Output

employee 1 x

Action Output

Time	Action	Message	Duration / Fetch
19 12:17:47	INSERT INTO Employee (Name, Age, DepartmentID, Salary, JoiningDate) VALUES ('John Doe', 30, 1, 50000, '2021-06-15')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20 12:17:59	SELECT * FROM office.employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

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SQL File 10*

employee employee employee department

Limit to 1000 rows

1 INSERT INTO Department (DepartmentName, Location) VALUES

2 ('HR', 'New York'),

3 ('IT', 'San Francisco'),

4 ('Finance', 'Chicago'),

5 ('Marketing', 'Los Angeles'),

6 ('Sales', 'Houston');

Result Grid

DepartmentID	DepartmentName	Location
1	HR	New York
2	IT	San Francisco
3	Finance	Chicago
4	Marketing	Los Angeles
5	Sales	Houston

Schema: office

department 1 x

Output

#	Time	Action	Message	Duration / Fetch
17	12:17:03	SELECT * FROM office.employee LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18	12:17:05	SELECT * FROM office.department LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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SQL File 10*

students employee employee

Limit to 1000 rows

1 CREATE TABLE EmployeeProject (

2 EmployeeID INT,

3 ProjectID INT,

4 PRIMARY KEY (EmployeeID, ProjectID),

5 FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID) ON DELETE CASCADE,

6 FOREIGN KEY (ProjectID) REFERENCES Project(ProjectID) ON DELETE CASCADE

Schema: office

Output

#	Time	Action	Message	Duration / Fetch
10	11:14:46	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), Age...	Error Code: 1050. Table 'employee' already exists	0.000 sec
11	11:28:13	CREATE TABLE Project (ProjectID INT PRIMARY KEY AUTO_INCREMENT, ProjectName VARCHAR(50), De...	0 row(s) affected	0.047 sec

Object Info Session

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Navigator

SQL File 107: students employees employee

Limit to 1000 rows

1 CREATE TABLE Project (
 2 ProjectID INT PRIMARY KEY AUTO_INCREMENT,
 3 ProjectName VARCHAR(50),
 4 DepartmentID INT,
 5 StartDate DATE,
 6 EndDate DATE,
 7 FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID)
 8);
 9

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	11:14:46	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), Age...	Error Code: 1050. Table 'employee' already exists	0.000 sec
11	11:28:13	CREATE TABLE Project (ProjectID INT PRIMARY KEY AUTO_INCREMENT, ProjectName VARCHAR(50), De...	0 row(s) affected	0.047 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

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Navigator

SQL File 107: students employees employee

Limit to 1000 rows

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

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
4	11:03:04	CREATE TABLE Department (DepartmentID INT PRIMARY KEY AUTO_INCREMENT, DepartmentName VA...	0 row(s) affected	0.062 sec
5	11:06:13	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), ...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server v...	0.000 sec
6	11:08:39	CREATE TABLE Employee (EmployeeID INT PRIMARY KEY AUTO_INCREMENT, Name VARCHAR(50), ...	0 row(s) affected	0.031 sec

Object Info Session