

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- customers
- dance_students
- employees
- managers
- music_students
- orders
- parent_name
- participants
- persons
- players
- products

Administration Schemas

Information

No object selected

joins built in functions user defined functions joins sub queries views stored procedures triggers sp DCL Day 35- Creating and altering ta...

Don't Limit

```
38 • ALTER TABLE New_employees
39 ADD CONSTRAINT unique_first_last_name UNIQUE (first_name, last_name);
40 • desc New_employees;
41
42 #2.Dropping a constraint:
43 • ALTER TABLE New_employees
44 DROP CONSTRAINT unique_first_last_name;
45 • desc New_employees;
```

Result Grid

| Field | Type | Null | Key | Default | Extra |
|-------------|-------------|------|-----|---------|-----------------|
| employee_id | int | NO | PRI | | auto_increament |
| first_name | varchar(50) | NO | | | |
| last_name | varchar(50) | NO | | | |
| department | int | YES | | | |
| hire_date | date | YES | | | |
| salary | int | NO | | | |

Result 17 x

Output

Action Output

| # | Time | Action | Message | Duration / Feish |
|------|----------|--|--|-----------------------|
| ✓ 36 | 11:03:57 | ALTER TABLE New_employees DROP CONSTRAINT unique_first_last_name | 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 | 0.047sec |
| ✓ 37 | 11:04:00 | desc New_employees | 6 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed

mysql workbench

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Don't Limit

```
2 CREATE TABLE New_employees (  
3 employee_id INT AUTO_INCREMENT PRIMARY KEY,  
4 first_name VARCHAR(50) NOT NULL,  
5 last_name VARCHAR(50) NOT NULL,  
6 department_id INT,  
7 hire_date DATE,  
8 salary DECIMAL(10, 2) );  
9 desc New_employees;  
10
```

Result Grid

| Field | Type | Null | Key | Default | Extra |
|---------------|---------------|------|-----|---------|----------------|
| employee_id | int | NO | PRI | NULL | auto_increment |
| first_name | varchar(50) | NO | | NULL | |
| last_name | varchar(50) | NO | | NULL | |
| department_id | int | YES | | NULL | |
| hire_date | date | YES | | NULL | |
| salary | decimal(10,2) | YES | | NULL | |

Result 3 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---|-------------------|-----------------------|
| 19 | 11:00:13 | CREATE TABLE New_employees (employee_id INT AUTO_INCREMENT PRIMARY KEY,... | 0 row(s) affected | 0.047 sec |
| 20 | 11:00:16 | desc New_employees | 6 row(s) returned | 0.015 sec / 0.000 sec |

Object Info Session

Query Completed

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHEMAS

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Administration Schemas

No object selected

joins built-in functions user-defined functions joins sub-queries views stored-procedures triggers sp DCL Day 35: Creating and altering ta...

Don't Limit

```
11 • INSERT INTO New_employees (first_name, last_name, department_id, hire_date, salary)
12 VALUES
13 ('John', 'Doe', 101, '2024-01-15', 55000.00),
14 ('Jane', 'Smith', 102, '2023-11-01', 60000.00),
15 ('Michael', 'Johnson', 103, '2024-03-20', 75000.00),
16 ('Emily', 'Davis', 101, '2023-07-10', 58000.00),
17 ('Chris', 'Brown', 104, '2023-09-25', 50000.00);
18 • select * from New_employees;
19 # altering tables
```

Result Grid

| | employee_id | first_name | last_name | department_id | hire_date | salary |
|---|-------------|------------|-----------|---------------|------------|----------|
| 1 | 1 | John | Doe | 101 | 2024-01-15 | 55000.00 |
| 2 | 2 | Jane | Smith | 102 | 2023-11-01 | 60000.00 |
| 3 | 3 | Michael | Johnson | 103 | 2024-03-20 | 75000.00 |
| 4 | 4 | Emily | Davis | 101 | 2023-07-10 | 58000.00 |
| 5 | 5 | Chris | Brown | 104 | 2023-09-25 | 50000.00 |
| 6 | NOLE | NOLE | NOLE | NOLE | NOLE | NOLE |

New_employees 10 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---|--|-----------------------|
| 22 | 11:00:45 | INSERT INTO New_employees (first_name, last_name, department_id, hire_date, salary) VA... | 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0 | 0.031 sec |
| 23 | 11:00:47 | select * from New_employees | 5 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed

MySQL Workbench

Local instance MySQL80 x

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Navigator: SCHEMAS

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Administration Schemas

Information

No object selected

Result Grid

| employee_id | first_name | last_name | department_id | hire_date | salary | age |
|-------------|------------|-----------|---------------|------------|----------|-------|
| 1 | John | Doe | 101 | 2024-01-15 | 55000.00 | 0 |
| 2 | Jane | Smith | 102 | 2023-11-01 | 60000.00 | 0 |
| 3 | Michael | Johnson | 103 | 2024-03-20 | 75000.00 | 0 |
| 4 | Emily | Davis | 101 | 2023-07-10 | 58000.00 | 0 |
| 5 | Chris | Brown | 104 | 2023-09-25 | 50000.00 | 0 |
| TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |

Result Grid

Form Editor

Apply

New_employees 11 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---|--|-----------------------|
| 24 | 11:01:04 | alter table New_employees add column age int not null | 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 | 0.031 sec |
| 25 | 11:01:07 | select * from New_employees | 5 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

Filter objects

customers
dance_students
employees
managers
music_students
orders
parent_name
participants
persons
players
products

AdministrationSchemas

joinsbuilt in functionsuser defined functionsjoinssub queriesviewsstored procedurestriggersspDCL

Day 35- Creating and altering ta...

20#1.Adding a column:
21alter table New_employees add column age int not null ;
22select * from New_employees;
23
24#2.Modifying a column
25alter table New_employees modify salary int not null;
26desc New_employees;
27
28#3.Renaming a column

Result Grid

Filter Rows:

Exports:Wrap Cell Content:IA

| Field | Type | Null | Key | Default | Extra |
|---------------|-------------|------|-----|-----------------|----------------|
| employee_id | int | NO | PRI | <div>NULL</div> | auto_increment |
| first_name | varchar(50) | NO | | <div>NULL</div> | |
| last_name | varchar(50) | NO | | <div>NULL</div> | |
| department_id | int | YES | | <div>NULL</div> | |
| hire_date | date | YES | | <div>NULL</div> | |
| salary | int | NO | | <div>NULL</div> | |
| age | int | NO | | <div>NULL</div> | |

Result 12

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|--|-----------------------|
| 26 | 11:01:22 | alter table New_employees modify salary int not null | 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0 | 0.094 sec |
| 27 | 11:01:25 | desc New_employees | 7 row(s) returned | 0.000 sec / 0.000 sec |

Object InfoSession

Query Completed

MySQL Workbench

Local instance MySQL80

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Administration Schemas

Information

No object selected

joins built-in functions user-defined functions joins sub-queries views stored procedures triggers sp DCL Day 35- Creating and altering ta...

Don't Limit

```
23
24 #2.Modifying a column
25 • alter table New_employees modify salary int not null;
26 • desc New_employees;
27
28 #3.Renaming a column
29 • alter table New_employees rename column department_id to department ;
30 • desc New_employees;
31
```

Result Grid

| Field | Type | Null | Key | Default | Extra |
|-------------|-------------|------|-----|---------|----------------|
| employee_id | int | NO | PRI | NULL | auto_increment |
| first_name | varchar(50) | NO | | NULL | |
| last_name | varchar(50) | NO | | NULL | |
| department | int | YES | | NULL | |
| hire_date | date | YES | | NULL | |
| salary | int | NO | | NULL | |
| age | int | NO | | NULL | |

Result 13

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|------|----------|---|--|-----------------------|
| ✓ 28 | 11:01:35 | alter table New_employees rename column department_id to department | 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 | 0.046 sec |
| ✓ 29 | 11:01:39 | desc New_employees | 7 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed

MySQL Workbench

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Administration Schemas

Information

No object selected

joins built in functions user defined functions joins sub queries views stored procedures triggers sp DCL Day 35- Creating and altering ta...

Don't Limit

```
27
28 #3.Renaming a column
29 • alter table New_employees rename column department_id to department ;
30 • desc New_employees;
31
32 #4.Dropping a column
33 • ALTER TABLE New_employees DROP COLUMN age ;
34 • desc New_employees;
35 # Adding or dropping constraints;
```

Result Grid

| Field | Type | Null | Key | Default | Extra |
|---------------|-------------|------|-----|-------------|----------------|
| ▶ employee_id | int | NO | PRI | NULL | auto_increment |
| first_name | varchar(50) | NO | | NULL | |
| last_name | varchar(50) | NO | | NULL | |
| department | int | YES | | NULL | |
| hire_date | date | YES | | NULL | |
| salary | int | NO | | NULL | |

Result 14 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|------|----------|---|--|-----------------------|
| ✓ 30 | 11:01:51 | ALTER TABLE New_employees DROP COLUMN age | 0 rows affected Records: 0 Duplicates: 0 Warnings: 0 | 0.047 sec |
| ✓ 31 | 11:01:54 | desc New_employees | 6 rows returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed

mysql workbench

Local instance MySQL80

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Navigation icons

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Day 35- Creating and altering ta

SCHEMAS

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Administration Schemas

No object selected

SQL Editor

```
33 ALTER TABLE New_employees DROP COLUMN age ;
34 desc New_employees;
35 # Adding or dropping constraints:
36
37 #1.Add a UNIQUE Constraint:
38 ALTER TABLE New_employees
39 ADD CONSTRAINT unique_first_last_name UNIQUE (first_name, last_name);
40 desc New_employees;
41
```

Result Grid

Filter Rows

Export

Wrap Cell Contents

| Field | Type | Null | Key | Default | Extra |
|-------------|-------------|------|-----|---------|----------------|
| employee_id | int | NO | PRI | NULL | auto_increment |
| first_name | varchar(50) | NO | MUL | NULL | |
| last_name | varchar(50) | NO | | NULL | |
| department | int | YES | | NULL | |
| hire_date | date | YES | | NULL | |
| salary | int | NO | | NULL | |

Result 15

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--|--|-----------------------|
| 32 | 11:02:44 | ALTER TABLE New_employees ADD CONSTRAINT unique_fir... | 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 | 0.094 sec |
| 33 | 11:02:47 | desc New_employees | 6 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Query Completed