

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

SCHEMAS

▼ entri_d41

Tables

- country
- customer
- customers
- dance_studer
- employees
- employee_log
- employees_n
- managers
- music_studen
- orders
- parent_name
- participants

Administration Schemas

Information

Schema: product

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers*

Limit to 1000 rows

```
4 • create table teachers(Id int primary key not null,Name varchar(20) not null,
5   Subject varchar(20) not null,Experience int not null,
6   Salary int not null);
7
8 • DESC Teachers;
```

Result Grid

Field	Type	Null	Key	Default	Extra
Id	int	NO	PRI	NULL	
Name	varchar(20)	NO		NULL	
Subject	varchar(20)	NO		NULL	
Experience	int	NO		NULL	
Salary	int	NO		NULL	

Result 18 x

Output

Action Output

#	Time	Action	Message
1	19:46:02	create table teachers(Id int primary key not null,Name varchar(20) not null. Subject varchar(20) not null,Experience in...	0 row(s) affected
2	19:46:06	DESC Teachers	5 row(s) returned

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Schema: product

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers x

Limit to 1000 rows

```
16 (6, 'Sneha', 'History', 7, 47000),
17 (7, 'Arjun', 'Computer Science', 10, 52000),
18 (8, 'Pooja', 'Economics', 6, 46000);
19
20 select * from teachers;
```

Result Grid

	Id	Name	Subject	Experience	Salary
▶	1	Ravi	Mathematics	10	50000
	2	Anjali	Physics	8	48000
	3	Vikram	Chemistry	12	55000
	4	Meera	Biology	5	45000
	5	Rajesh	English	15	60000
	6	Sneha	History	7	47000
	7	Arjun	Computer Science	10	52000
	8	Pooja	Economics	6	46000

teachers 19 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	1 19:46:02	create table teachers(Id int primary key not null, Name varchar(20) not null, Subject varchar(20) not null, Experience in...	0 row(s) affected	0.031 sec
✓	2 19:46:06	DESC Teachers	5 row(s) returned	0.000 sec / 0.000 se
✓	3 19:46:21	INSERT INTO teachers (Id, Name, Subject, Experience, Salary) VALUES (1, 'Ravi', 'Mathematics', 10, 50000), (2, 'A...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
✓	4 19:46:24	select * from teachers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 se

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Administration Schemas

Schema: product

Information

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers

Limit to 1000 rows

```
22 -- 2. Create a before insert trigger named before_insert_teacher
23 -- that will raise an error "salary cannot be negative" if the salary
24 -- inserted to the table is less than zero.
25
26 DELIMITER $$
27 CREATE TRIGGER BEFORE_INSERT_TEACHER
28 BEFORE INSERT ON teachers
29 FOR EACH ROW
30 BEGIN
31     IF NEW.SALARY < 0
32     THEN
33         SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT='salary cannot be negative';
34     END IF;
35 END $$
36 DELIMITER ;
37
38 SHOW TRIGGERS FROM ENTRI_D41;
39
40 INSERT into teachers VALUES(9, 'NAHI', 'Mathematics', 4, -50000);
41
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:46:02	create table teachers(Id int primary key not null, Name varchar(20) not null, Subject varchar(20) not null, Experience in...	0 row(s) affected	0.031 sec
2	19:46:06	DESC Teachers	5 row(s) returned	0.000 sec / 0.000 sec
3	19:46:21	INSERT INTO teachers (Id, Name, Subject, Experience, Salary) VALUES (1, 'Ravi', 'Mathematics', 10, 50000), (2, 'A...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
4	19:46:24	select * from teachers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
5	19:46:48	CREATE TRIGGER BEFORE_INSERT_TEACHER BEFORE INSERT ON teachers FOR EACH ROW BEGIN IF ...	0 row(s) affected	0.000 sec

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Information

Schema: product

sql1 sql joins built in fn user_defined_fn subquery views To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers x

Limit to 1000 rows

```
34 END IF;
35 END $$
36 DELIMITER ;
37
38 SHOW TRIGGERS FROM ENTRI_D41;
```

Result Grid

Trigger	Event	Table	Statement	Timing	Created	sql_mode	Definer	character_set_client	collation_connection
position_change	UPDATE	employees_new	begin if old.position='intern' then SIGNAL SQLS...	BEFORE	2024-11-12 19:37:15.36	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900
BEFORE_INSERT_TEACHER	INSERT	teachers	BEGIN IF NEW.SALARY<0 THEN SIGNAL ...	BEFORE	2024-11-16 19:46:48.10	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:46:02	create table teachers(Id int primary key not null,Name varchar(20) not null, Subject varchar(20) not null,Experience in ...	0 row(s) affected	0.031 sec
2	19:46:06	DESC Teachers	5 row(s) returned	0.000 sec / 0.000 sec
3	19:46:21	INSERT INTO teachers (Id, Name, Subject, Experience, Salary) VALUES (1, 'Ravi', 'Mathematics', 10, 50000), (2, 'A...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
4	19:46:24	select * from teachers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
5	19:46:48	CREATE TRIGGER BEFORE_INSERT_TEACHER BEFORE INSERT ON teachers FOR EACH ROW BEGIN IF ...	0 row(s) affected	0.000 sec
6	19:47:04	SHOW TRIGGERS FROM ENTRI_D41	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Section

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Navigator: sql sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers x

Limit to 1000 rows

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Administration Schemas

Information

Schema: product

```

34  END IF;
35  END $$
36  DELIMITER ;
37
38  SHOW TRIGGERS FROM ENTRI_D41;
39
40  INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000);
41
42  -- 3. Create an after insert trigger named after_insert_teacher
43  -- that inserts a row with teacher_id,action, timestamp to a table
44  -- called teacher_log when a new entry gets inserted to the teacher
45  -- table. teacher_id -> column of teacher table,
46  -- action -> the trigger action, timestamp -> time at which the new row
47  -- has got inserted.
48
49  Create table teacher_log(Teacher_Id int not null,Action varchar(20) not null,
50  Timestamp datetime not null);
51
52  select * from teacher_log;
53

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	19:46:06	DESC Teachers	5 row(s) returned	0.000 sec / 0.000 sec
3	19:46:21	INSERT INTO teachers (Id, Name, Subject, Experience, Salary) VALUES (1, 'Ravi', 'Mathematics', 10, 50000), (2, '...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
4	19:46:24	select * from teachers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
5	19:46:40	CREATE TRIGGER BEFORE_INSERT_TEACHER BEFORE INSERT ON teachers FOR EACH ROW BEGIN I...	0 row(s) affected	0.000 sec
6	19:47:04	SHOW TRIGGERS FROM ENTRI_D41	2 row(s) returned	0.000 sec / 0.000 sec
7	19:47:22	INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000)	Error Code: 1644. salary cannot be negative	0.000 sec

Object Info Session

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Navigator sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers x

Limit to 1000 rows

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Administration Schemas

Information

Schema: product

```
37
38 • SHOW TRIGGERS FROM ENTRI_D41;
39
40 • INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000);
41
42 -- 3. Create an after insert trigger named after_insert_teacher
43 -- that inserts a row with teacher_id,action, timestamp to a table
44 -- called teacher_log when a new entry gets inserted to the teacher
45 -- table. teacher_id -> column of teacher table,
46 -- action -> the trigger action, timestamp -> time at which the new row
47 -- has got inserted.
48
49 • Create table teacher_log(Teacher_Id int not null,Action varchar(20) not null,
50 Timestamp datetime not null);
51
52 • select * from teacher_log;
53
54 DELIMITER $$
55 • CREATE TRIGGER AFTER_INSERT_TEACHER
56 AFTER INSERT ON teachers
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 3	19:46:21	INSERT INTO teachers (Id, Name, Subject, Experience, Salary) VALUES (1, 'Ravi', 'Mathematics', 10, 50000); (2, '...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
✓ 4	19:46:24	select * from teachers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
✓ 5	19:46:48	CREATE TRIGGER BEFORE_INSERT_TEACHER BEFORE INSERT ON teachers FOR EACH ROW BEGIN	0 row(s) affected	0.000 sec
✓ 6	19:47:04	SHOW TRIGGERS FROM ENTRI_D41	2 row(s) returned	0.000 sec / 0.000 sec
✗ 7	19:47:22	INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000)	Error Code: 1644. salary cannot be negative	0.000 sec
✓ 8	19:47:52	Create table teacher_log(Teacher_Id int not null,Action varchar(20) not null, Timestamp datetime not null)	0 row(s) affected	0.016 sec

Object Info Session

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Navigation: sql | sql joins | built in fn | user_defined_fn | subquery | views* | To_do_activity | stored procedure | Todo_activity | sp_questions | Triggers | Assignment10.Triggers*

Limit to 1000 rows

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Administration Schemas

Information

Schema: product

```
51
52 • select * from teacher_log;
53
54 DELIMITER $$
55 • CREATE TRIGGER AFTER_INSERT_TEACHER
56 AFTER INSERT ON teachers
57 FOR EACH ROW
58 BEGIN
59 INSERT INTO teacher_log (Teacher_id, Action, Timestamp)
60 VALUES (NEW.id, 'INSERT', NOW());
61 END $$
62 DELIMITER ;
63
64 • INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000);
65 • SELECT * FROM TEACHERS;
66 • SELECT * FROM teacher_log;
67
68 -- 4. Create a before delete trigger that will raise an error when you
69 -- try to delete a row that has experience greater than 10 years.
70
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	19:46:48	CREATE TRIGGER BEFORE_INSERT_TEACHER BEFORE INSERT ON teachers FOR EACH ROW BEGIN I...	0 row(s) affected	0.000 sec
6	19:47:04	SHOW TRIGGERS FROM ENTRI_D41	2 row(s) returned	0.000 sec / 0.000 sec
7	19:47:22	INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000)	Error Code: 1644, salary cannot be negative	0.000 sec
8	19:47:52	Create table teacher_log(Teacher_id int not null,Action varchar(20) not null, Timestamp datetime not null)	0 row(s) affected	0.016 sec
9	19:48:04	select * from teacher_log LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec

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Navigator Filter objects

SCHEMAS

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Administration Schemas

Information

Schema: product

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers*

Limit to 1000 rows

```
51
52 • select * from teacher_log;
53
54 DELIMITER $$
55 • CREATE TRIGGER AFTER_INSERT_TEACHER
56 AFTER INSERT ON teachers
57 FOR EACH ROW
58 BEGIN
59 INSERT INTO teacher_log (Teacher_id, Action, Timestamp)
60 VALUES (NEW.id, 'INSERT', NOW());
61 END $$
62 DELIMITER ;
63
64 • INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000);
65 • SELECT * FROM TEACHERS;
66 • SELECT * FROM teacher_log;
67
68 -- 4. Create a before delete trigger that will raise an error when you
69 -- try to delete a row that has experience greater than 18 years.
70
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	19:47:04	SHOW TRIGGERS FROM ENTRI_D41	2 row(s) returned	0.000 sec / 0.000 sec
7	19:47:22	INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000)	Error Code: 1644 salary cannot be negative	0.000 sec
8	19:47:52	Create table teacher_log(Teacher_id int not null, Action varchar(20) not null, Timestamp datetime not null)	0 row(s) affected	0.016 sec
9	19:48:04	select * from teacher_log LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec
11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec

Object Info Services

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Navigator

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Administration Schemas

Information

Schema: product

sql1

sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers*

Limit to 1000 rows

```
61 END $$
62 DELIMITER ;
63
64 INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000);
65 SELECT * FROM TEACHERS;
```

Result Grid

	Id	Name	Subject	Experience	Salary
▶	1	Ravi	Mathematics	10	50000
	2	Anjali	Physics	8	48000
	3	Vikram	Chemistry	12	55000
	4	Meera	Biology	5	45000
	5	Rajesh	English	15	60000
	6	Sneha	History	7	47000
	7	Arjun	Computer Science	10	52000
	8	Pooja	Economics	6	46000
	10	MAHI	Mathematics	4	50000

TEACHERS 22

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	19:47:22	INSERT into teachers VALUES(9, 'MAHI', 'Mathematics', 4, -50000)	Error Code: 1644. salary cannot be negative	0.000 sec
8	19:47:52	Create table teacher_log(Teacher_id int not null, Action varchar(20) not null, Timestamp datetime not null)	0 row(s) affected	0.016 sec
9	19:48:04	select * from teacher_log LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec
11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec
12	19:48:40	SELECT * FROM TEACHERS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec

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Administration Schemas

Information

Schema: product

sql1

```
64 INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000);
65 SELECT * FROM TEACHERS;
66 SELECT * FROM teacher_log;
67
68 -- 4. Create a before delete trigger that will raise an error when you
```

Result Grid

Teacher_Id	Action	Timestamp
10	INSERT	2024-11-16 19:48:29

teacher_log 23 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	19:47:52	Create table teacher_log(Teacher_Id int not null, Action varchar(20) not null, Timestamp datetime not null)	0 row(s) affected	0.016 sec
9	19:48:04	select * from teacher_log LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec
11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec
12	19:48:40	SELECT * FROM TEACHERS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
13	19:48:49	SELECT * FROM teacher_log LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Schema: product

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers*

Limit to 1000 rows

```
67
68 -- 4. Create a before delete trigger that will raise an error when you
69 -- try to delete a row that has experience greater than 10 years.
70
71 DELIMITER $$
72 CREATE TRIGGER BEFORE_DELETE_TRIGGER
73 BEFORE DELETE ON teachers
74 FOR EACH ROW
75 BEGIN
76     IF OLD.EXPERIENCE>10
77     THEN
78         SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT='This teacher has more than 10 years of experience, cannot delete';
79     END IF;
80 END $$
81 DELIMITER ;
82 Delete from teachers where Id=3;
83
84 -- 5. Create an after delete trigger that will insert a row to
85 -- teacher_log table when that row is deleted from teacher table.
86
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	19:48:04	select * from teacher_log LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec
11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec
12	19:48:40	SELECT * FROM TEACHERS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
13	19:48:49	SELECT * FROM teacher_log LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
14	19:49:05	CREATE TRIGGER BEFORE_DELETE_TRIGGER BEFORE DELETE ON teachers FOR EACH ROW BEGIN I...	0 row(s) affected	0.000 sec

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Schema: product

```
67
68 -- 4. Create a before delete trigger that will raise an error when you
69 -- try to delete a row that has experience greater than 10 years.
70
71 DELIMITER $$
72 CREATE TRIGGER BEFORE_DELETE_TRIGGER
73 BEFORE DELETE ON teachers
74 FOR EACH ROW
75 BEGIN
76 IF OLD.EXPERIENCE>10
77 THEN
78 SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT='This teacher has more than 10 years of experience, cannot delete';
79 END IF;
80 END $$
81 DELIMITER ;
82
83 Delete from teachers where Id=3;
84
85 -- 5. Create an after delete trigger that will insert a row to
86 -- teacher_log table when that row is deleted from teacher table.
```

Output

#	Time	Action	Message	Duration / Fetch
✓ 10	19:48:17	CREATE TRIGGER AFTER_INSERT_TEACHER AFTER INSERT ON teachers FOR EACH ROW BEGIN INSE...	0 row(s) affected	0.000 sec
✓ 11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec
✓ 12	19:48:40	SELECT * FROM TEACHERS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 13	19:48:49	SELECT * FROM teacher_log LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 14	19:49:05	CREATE TRIGGER BEFORE_DELETE_TRIGGER BEFORE DELETE ON teachers FOR EACH ROW BEGIN I...	0 row(s) affected	0.000 sec
✗ 15	19:49:16	Delete from teachers where Id=3	Error Code: 1644. This teacher has more than 10 years of experience, cannot delete	0.000 sec

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Navigation: sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers*

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Administration Schemas

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Schema: product

```
85 -- 5. Create an after delete trigger that will insert a row to
86 -- teacher_log table when that row is deleted from teacher table.
87
88 DELIMITER $$
89 • CREATE TRIGGER AFTER_DELETE_TRIGGER
90 AFTER DELETE ON teachers
91 FOR EACH ROW
92 BEGIN
93     insert into teacher_log(Teacher_Id,Action,timestamp)
94     values(old.ID,'Delete',NOW());
95 END $$
96 DELIMITER ;
97
98 • Delete from teachers where subject='Biology';
99 • set sql_safe_updates=0;
100
101 • select * from teacher_log;
102
103 • SHOW TRIGGERS FROM ENTRI_D41;
104
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 11	19:48:29	INSERT INTO TEACHERS VALUES (10, 'MAHI', 'Mathematics', 4, 50000)	1 row(s) affected	0.000 sec
✓ 12	19:48:40	SELECT * FROM TEACHERS LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 13	19:48:49	SELECT * FROM teacher_log LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 14	19:49:05	CREATE TRIGGER BEFORE_DELETE_TRIGGER BEFORE DELETE ON teachers FOR EACH ROW BEGIN	0 row(s) affected	0.000 sec
✗ 15	19:49:16	Delete from teachers where id=3	Error Code: 1644. This teacher has more than 10 years of experience.cannot delete	0.000 sec
✓ 16	19:49:32	CREATE TRIGGER AFTER_DELETE_TRIGGER AFTER DELETE ON teachers FOR EACH ROW BEGIN insert...	0 row(s) affected	0.000 sec

Object Info Session

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigation icons

Limit to 1000 rows

SQL Editor icons

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers

SCHMAS

Filter objects

▼ entri_d41

▼ Tables

country customer customers dance_studer employees employees_log employees_n managers music_studen orders orders parent_name participants

Administration Schemas

Information

Schema: product

97

98 • Delete from teachers where subject='Biology';

99 • set sql_safe_updates=0;

100

101 • select * from teacher_log;

...

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Teacher_Id	Action	Timestamp
10	INSERT	2024-11-16 19:48:29
4	Delete	2024-11-16 19:49:43

teacher_log 24

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	19:48:49	SELECT * FROM teacher_log LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
14	19:49:05	CREATE TRIGGER BEFORE_DELETE_TRIGGER BEFORE DELETE ON teachers FOR EACH ROW BEGIN	0 row(s) affected	0.000 sec
15	19:49:16	Delete from teachers where id=3	Error Code: 1644 This teacher has more than 10 years of experience, cannot delete	0.000 sec
16	19:49:32	CREATE TRIGGER AFTER_DELETE_TRIGGER AFTER DELETE ON teachers FOR EACH ROW BEGIN	0 row(s) affected	0.000 sec
17	19:49:43	Delete from teachers where subject='Biology'	1 row(s) affected	0.016 sec
18	19:49:55	select * from teacher_log LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

Schemas

entri_d41

Tables

- country
- customer
- customers
- dance_studer
- emoloyees
- employee_log
- employees_n
- managers
- music_studen
- orders
- parent_name
- participants

Administration Schemas

Information

Schema: product

sql1 sql joins built in fn user_defined_fn subquery views* To_do_activity stored procedure Todo_activity sp_questions Triggers Assignment10.Triggers

Limit to 1000 rows

```
99 • set sql_safe_updates=0;
100
101 • select * from teacher_log;
102
103 • SHOW TRIGGERS FROM ENTRI_D41;
```

Result Grid

Trigger	Event	Table	Statement	Timing	Created	sql_mode	Definer	character_set_client	collation_connection
position_change	UPDATE	employees_new	begin if old.position='Intern' then SIGNAL SQLS...	BEFORE	2024-11-12 19:37:15.36	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900
BEFORE_INSERT_TEACHER	INSERT	teachers	BEGIN IF NEW.SALARY<0 THEN SIGNAL ...	BEFORE	2024-11-16 19:46:48.10	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900
AFTER_INSERT_TEACHER	INSERT	teachers	BEGIN INSERT INTO teacher_log (Teacher_id, ...	AFTER	2024-11-16 19:46:17.15	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900
BEFORE_DELETE_TRIGGER	DELETE	teachers	BEGIN IF OLD.EXPERIENCE>10 THEN SIG...	BEFORE	2024-11-16 19:49:05.48	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900
AFTER_DELETE_TRIGGER	DELETE	teachers	BEGIN insert into teacher_log(Teacher_Id,Act...	AFTER	2024-11-16 19:49:32.13	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost	utf8mb4	utf8mb4_0900

Result 25

Output

#	Time	Action	Message	Duration / Fetch
✓ 14	19:49:05	CREATE TRIGGER BEFORE_DELETE_TRIGGER BEFORE DELETE ON teachers FOR EACH ROW BEGIN	0 row(s) affected	0.000 sec
✗ 15	19:49:16	Delete from teachers where Id=3	Error Code: 1644. This teacher has more than 10 years of experience.cannot delete	0.000 sec
✓ 16	19:49:32	CREATE TRIGGER AFTER_DELETE_TRIGGER AFTER DELETE ON teachers FOR EACH ROW BEGIN inser...	0 row(s) affected	0.000 sec
✓ 17	19:49:43	Delete from teachers where subject='Biology'	1 row(s) affected	0.016 sec
✓ 18	19:49:55	select * from teacher_log LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✓ 19	19:50:17	SHOW TRIGGERS FROM ENTRI_D41	5 row(s) returned	0.000 sec / 0.000 sec

Output Info