

In the following example, we have two tables: emp\_details and log\_emp\_details. To insert some information into log\_emp\_details table (which have three fields employee id and salary and edtttime) every time, when an INSERT happen into emp\_details table we have used the following trigger :

Step 1:

Create employee table:

MySQL Workbench

MySql@127.0.0.1:3306

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

compstud  
compstudent  
customer  
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Views  
Stored Procedures  
Functions  
sys  
Tables  
employee  
employees\_audit  
log\_emp\_details  
sys\_config  
Views  
Stored Procedures  
Administration Schemas

Table: employee

Columns:

Employee\_id int  
First\_name varchar(35)  
Last\_name varchar(35)  
job\_id int  
salary int  
commission\_pct int

Query 1

```
1 CREATE TABLE employee(  
2     Employee_id int NOT NULL,  
3     First_name varchar(35) NOT NULL,  
4     Last_name varchar(35),  
5     job_id int,  
6     salary int,  
7     commission_pct int);  
8  
9  
10 INSERT INTO employee VALUES  
11  
12     (100,'Robin', 'dsouza',45,2656222, 0.50),  
13     (101,'Warner', 'haasn',46,54862, 10),
```

SQL Additions

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

Output

#	Time	Action	Message	Duration / Fetch
31	22:15:57	INSERT INTO employee VALUES (100,'Robin','dsouza',45,2656222,0.50), (101,'Wam...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
32	22:16:29	select * from log_emp_details LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
33	11:47:57	CREATE TABLE employee( Employee_id int NOT NULL, First_name varchar(35) N...	Error Code: 1050. Table 'employee' already exists	0.016 sec
34	11:48:21	CREATE TABLE employee( Employee_id int NOT NULL, First_name varchar(35) N...	Error Code: 1050. Table 'employee' already exists	0.000 sec

Object Info Session

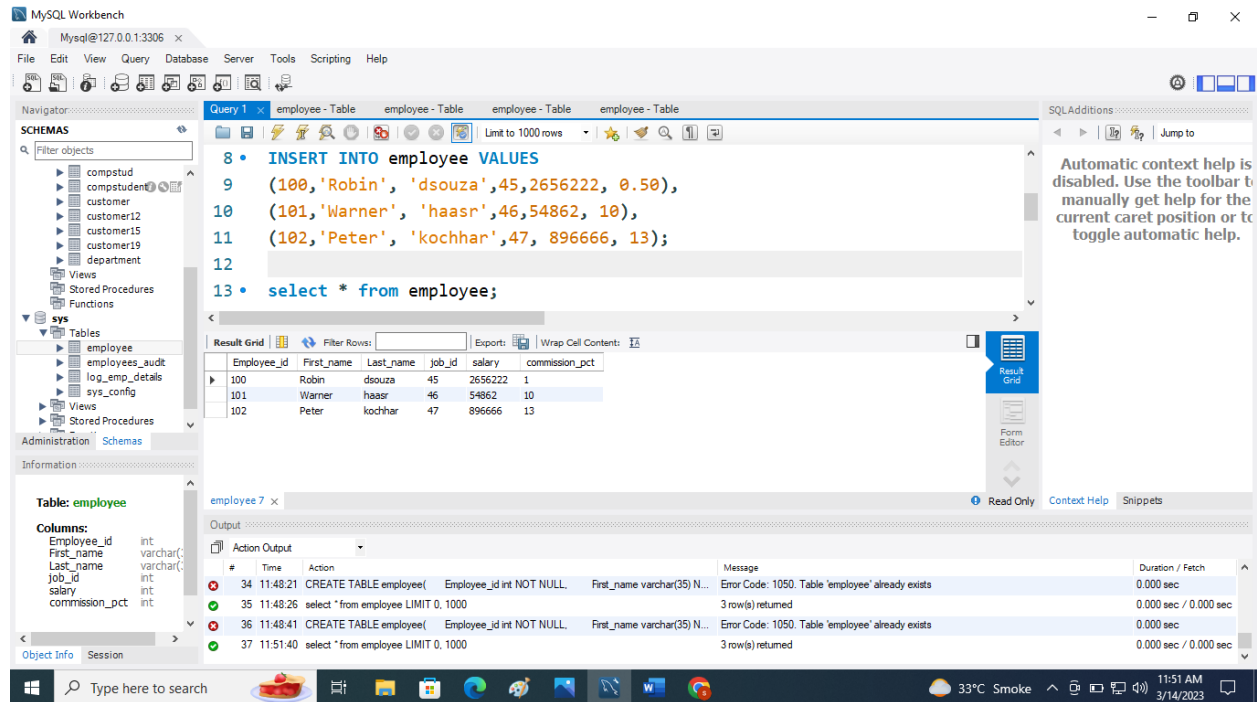
Type here to search

33°C Smoke

11:50 AM 3/14/2023

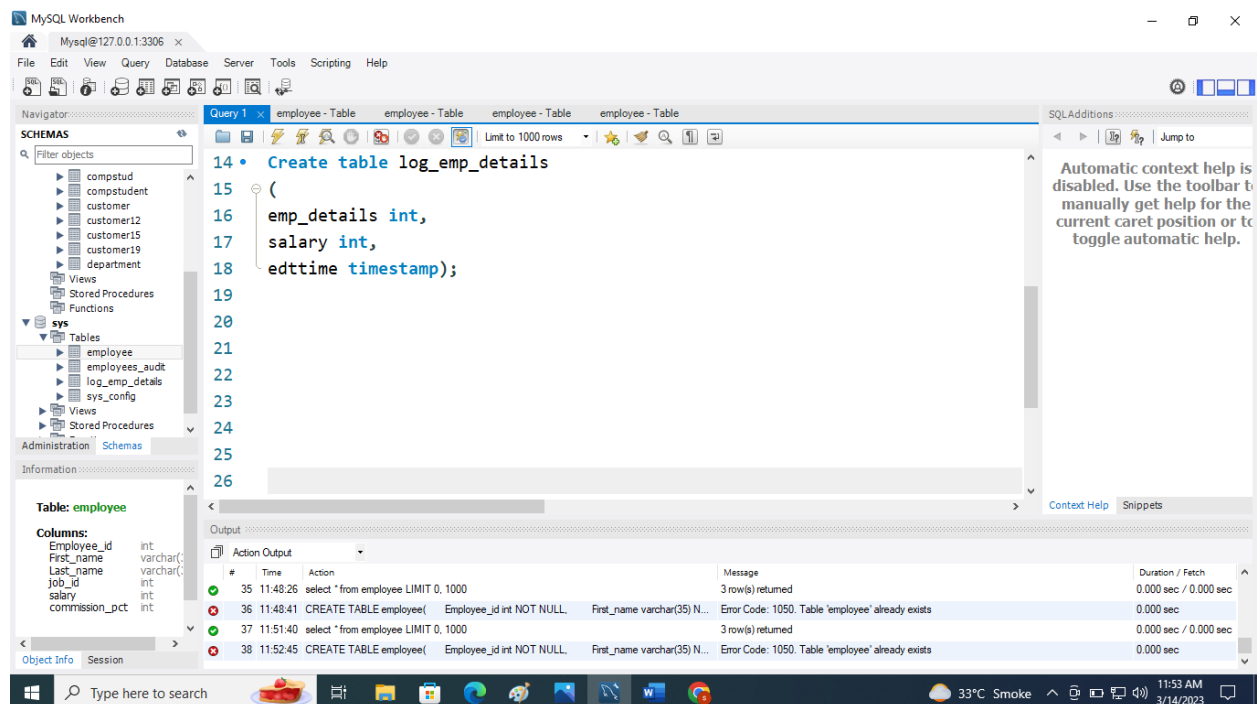
Step 2:

Insert values in Employee table



Step 3:

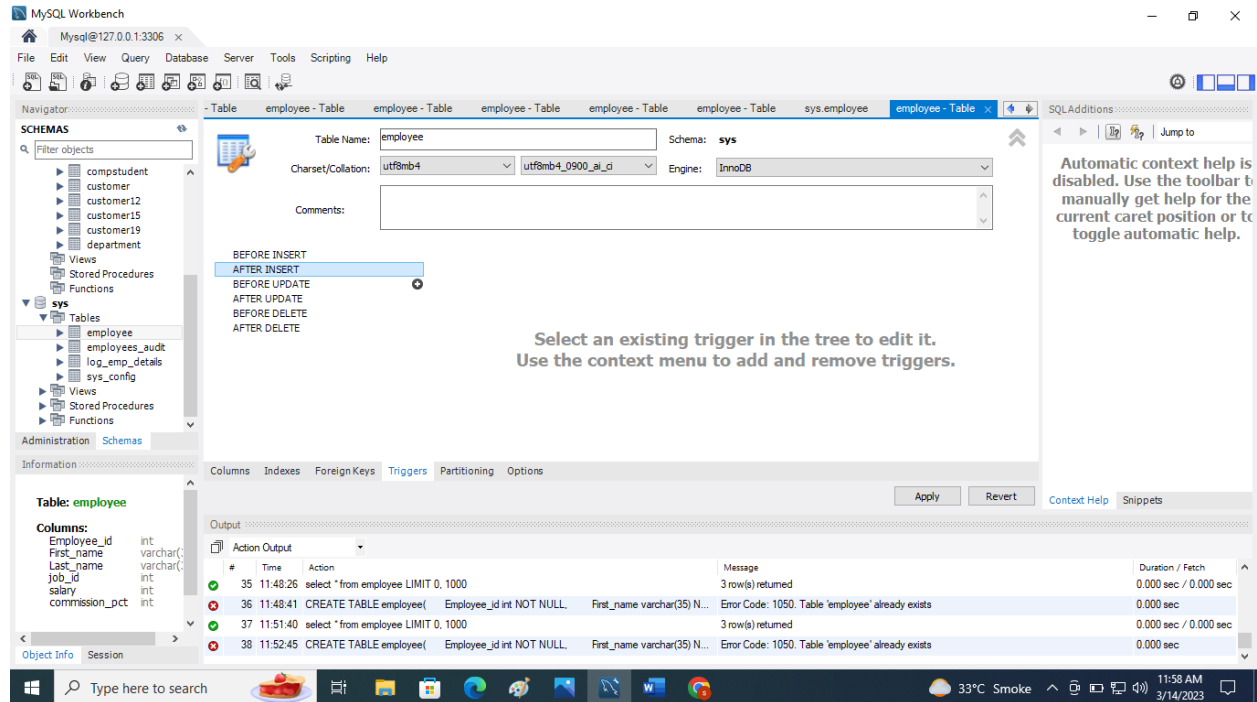
Create log\_emp\_details table:



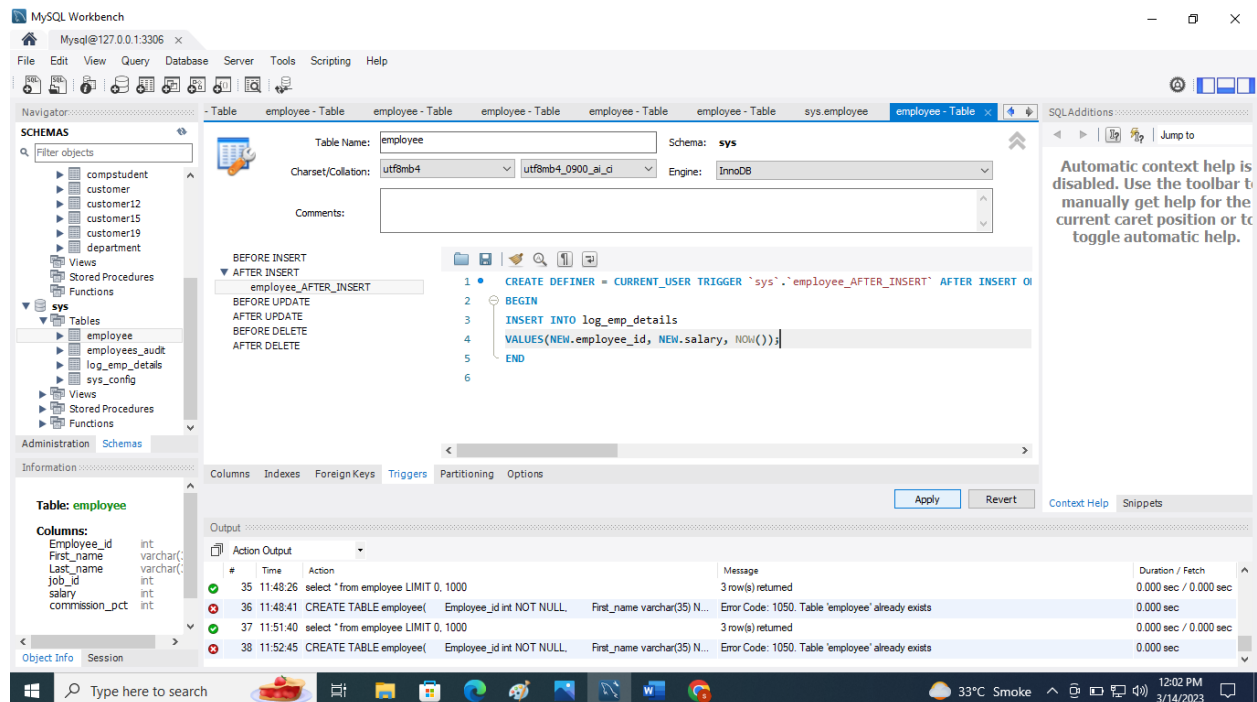
## Step 4:

Select employee tables from schema section and right click on alter table and select Triggers

Then click on after insert

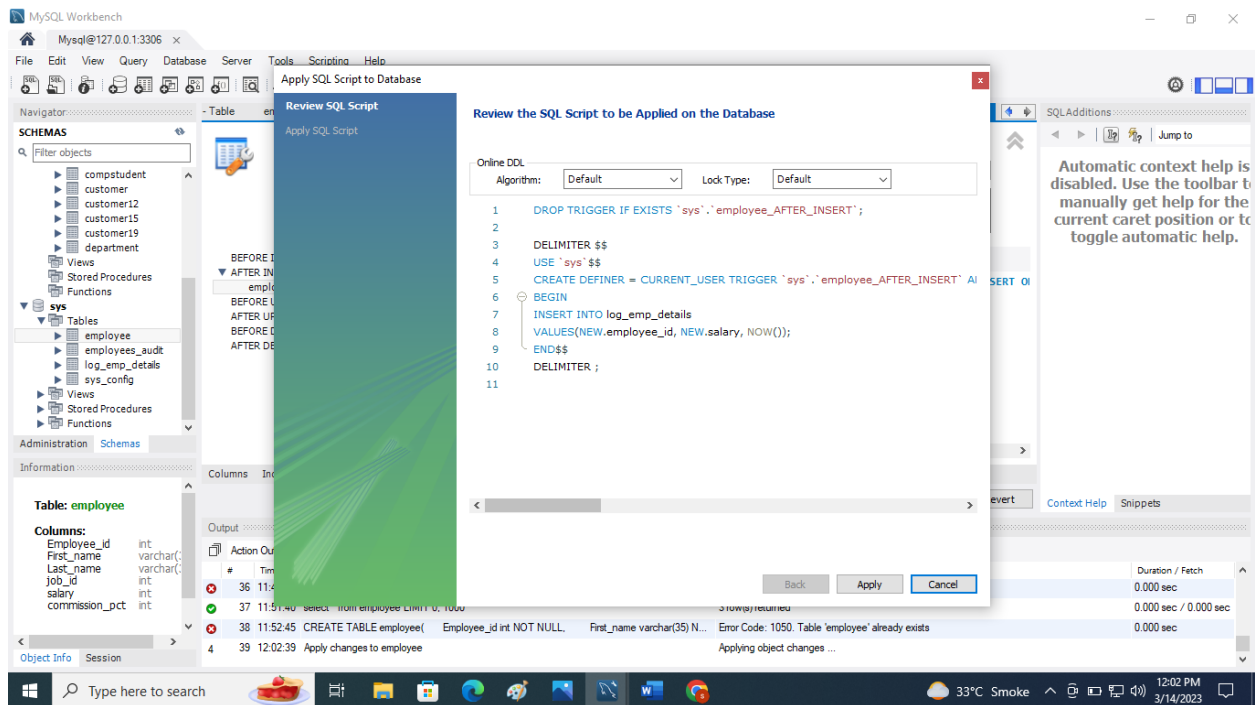


## Step 5:



Step 6:

After applying we will get following step

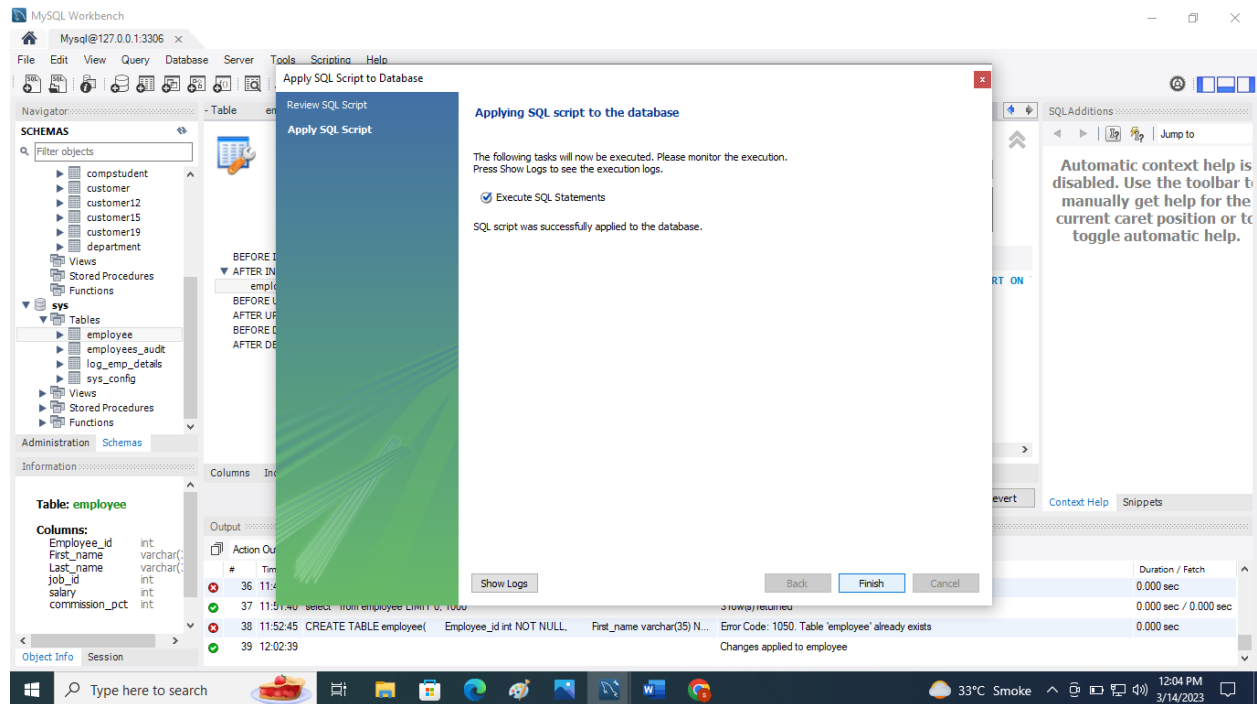


Insert into log\_emp\_details

Values(new.employee\_id,new.salary,now());

Step 7:

This the final window before finish. Let click on *Finish* button.



Step 8:

Then use `select * from log_emp_details`

MySQL Workbench

mysql@127.0.0.1:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1 x employee - Table employee - Table employee - Table employee - Table employee - Table employee - Table sys.employee

Limit to 1000 rows

SQLAdditions

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

22  
23  
24  
25  
26  
27 • `select * from log_emp_details;`

Result Grid

emp_details	salary	edtime
100	2656222	2023-03-13 22:15:57
101	54862	2023-03-13 22:15:57
102	896666	2023-03-13 22:15:57

log\_emp\_details 8 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
37	11:51:40	select * from employee LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
38	11:52:45	CREATE TABLE employee ( Employee_id int NOT NULL, First_name varchar(35) N...	Error Code: 1050, Table 'employee' already exists	0.000 sec
39	12:02:39	Apply changes to employee	Changes applied	
40	12:04:57	select * from log_emp_details LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Table: employee

Columns:

Column	Type
Employee_id	int
First_name	varchar(35)
Last_name	varchar(35)
Job_id	int
salary	int
commission_pct	int

Object Info Session

Windows Taskbar: 33°C Smoke 12:05 PM 3/14/2023