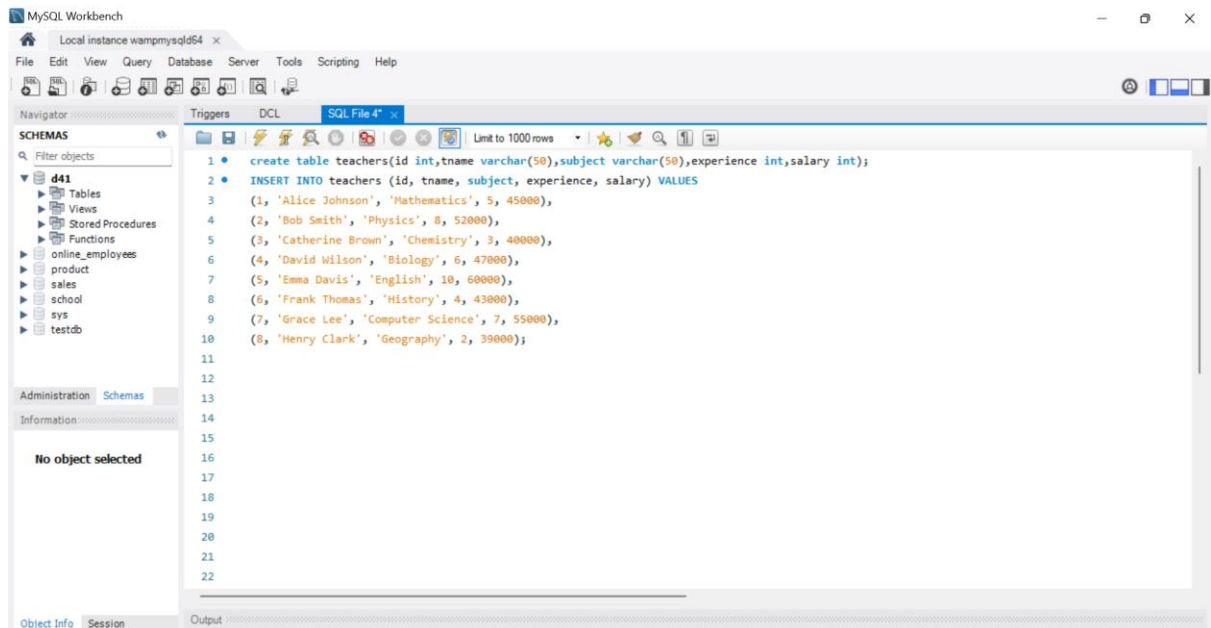
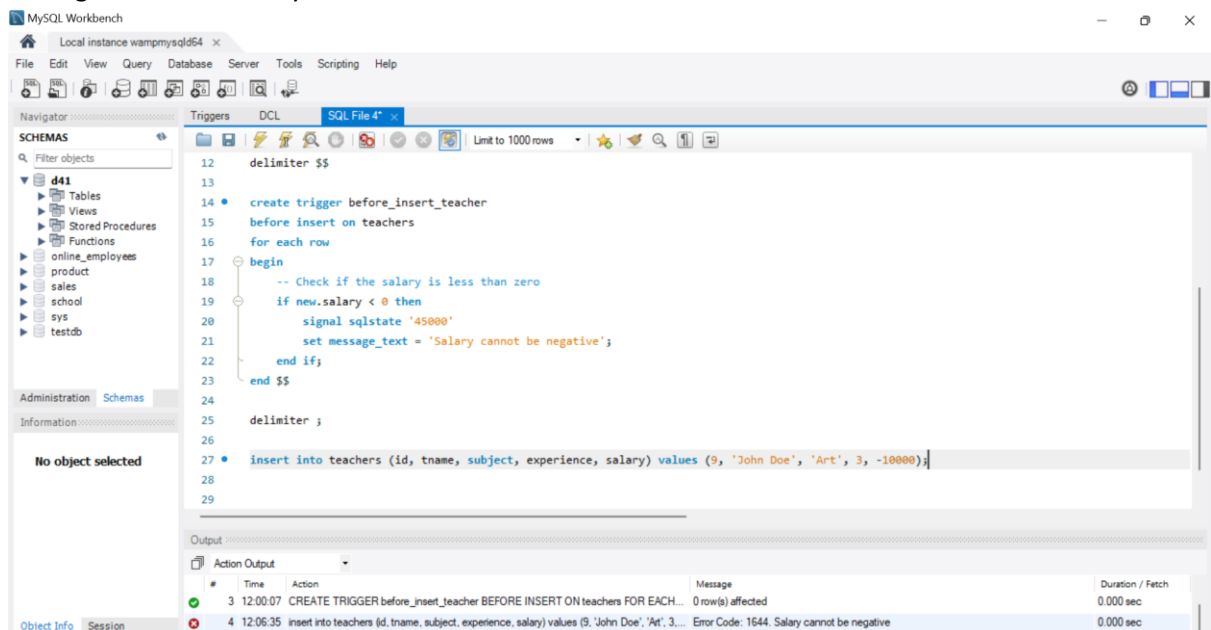


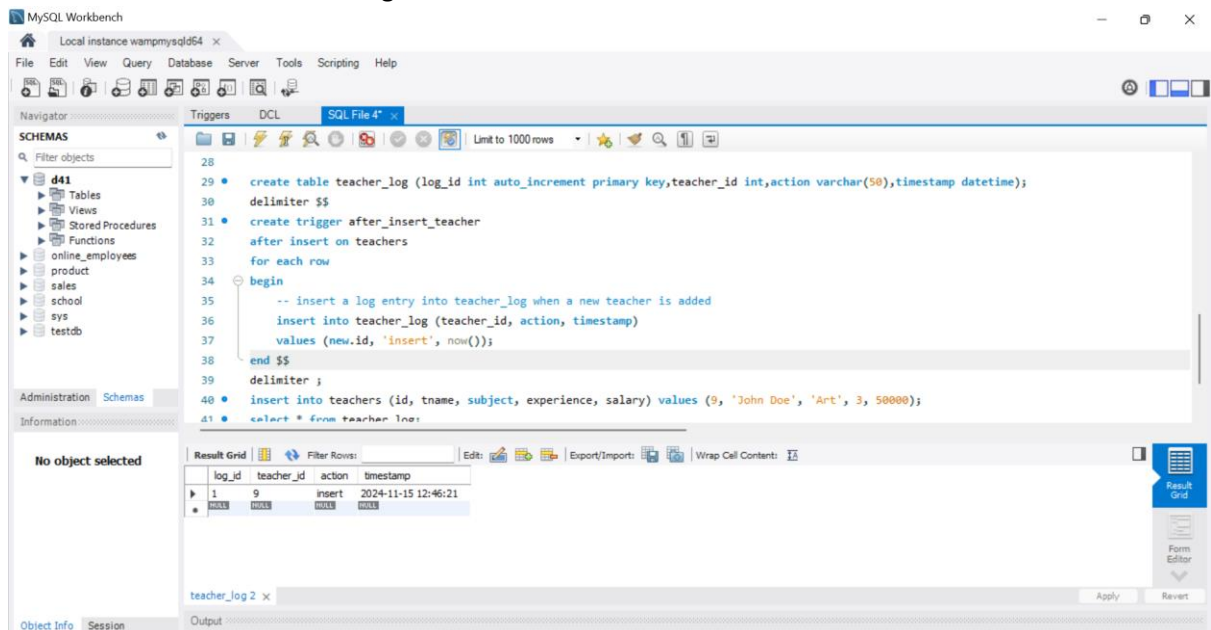
1. Create a table named teachers with fields id, name, subject, experience and salary and insert 8 rows.



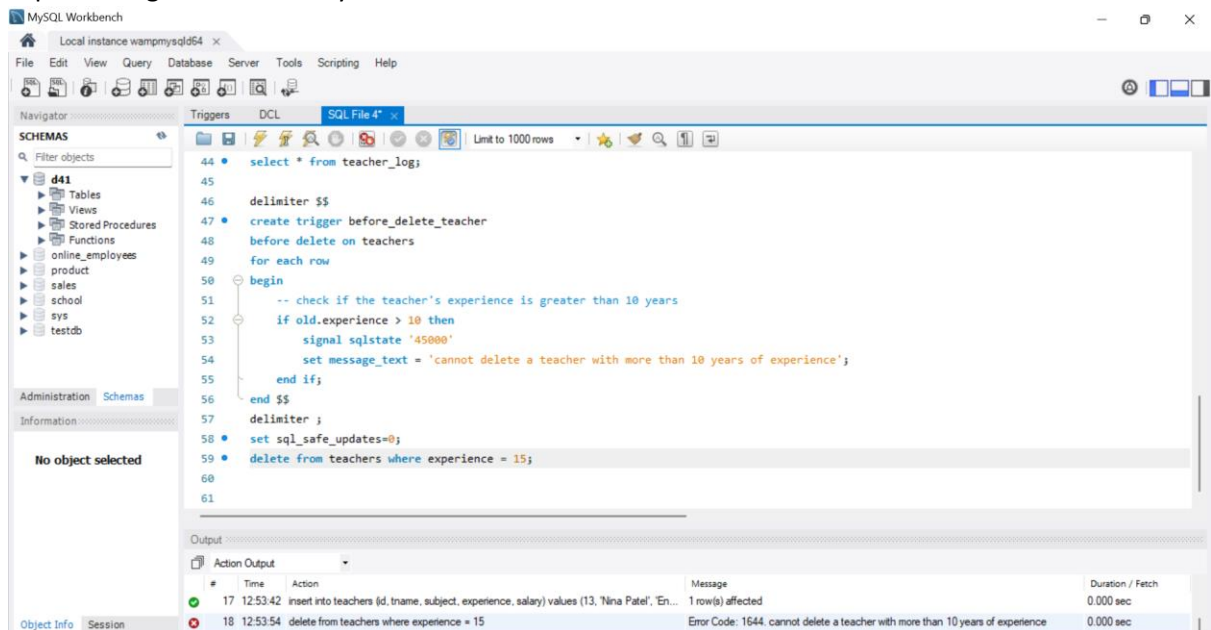
2. Create a before insert trigger named before_insert_teacher that will raise an error "salary cannot be negative" if the salary inserted to the table is less than zero.



3. Create an after insert trigger named after_insert_teacher that inserts a row with teacher_id,action, timestamp to a table called teacher_log when a new entry gets inserted to the teacher table. teacher_id -> column of teacher table, action -> the trigger action, timestamp -> time at which the new row has got inserted.



4. Create a before delete trigger that will raise an error when you try to delete a row that has experience greater than 10 years.



5. Create an after delete trigger that will insert a row to teacher_log table when that row is deleted from teacher table.

MySQL Workbench

Local instance wampmysqld64

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Navigator Triggers DCL SQL File 4*

Limit to 1000 rows

SCHEMAS

Filter objects

d41

- Tables
- Views
- Stored Procedures
- Functions
- online_employees
- product
- sales
- school
- sys
- testdb

Administration Schemas

Information

No object selected

```
59 • delete from teachers where experience = 15;
60
61 delimiter $$
62 • create trigger after_delete_teacher
63 after delete on teachers
64 for each row
65 begin
66     -- insert a log entry into teacher_log when a teacher is deleted
67     insert into teacher_log (teacher_id, action, timestamp)
68     values (old.id, 'delete', now());
69 end $$
70 delimiter ;
71 • delete from teachers where id = 9;
```

Result Grid

	log_id	teacher_id	action	timestamp
1	9		insert	2024-11-15 12:46:21
2	11		insert	2024-11-15 12:52:27
3	12		insert	2024-11-15 12:53:40
4	13		insert	2024-11-15 12:53:42
5	9		delete	2024-11-15 12:56:13
6	NULL	NULL	NULL	NULL

teacher_log 3

Apply Revert

Object Info Session

Output