

Exp-19

HIGH LEVEL PROGRAMMING EXTENSIONS TRIGGERS

```
MySQL 8.0 Command Line Cl  x  +  v
->     emp_id INT AUTO_INCREMENT PRIMARY KEY,
->     name VARCHAR(50),
->     salary INT
-> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> CREATE TABLE emp_log (
->     log_id INT AUTO_INCREMENT PRIMARY KEY,
->     emp_name VARCHAR(50),
->     action_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP
-> );
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> DELIMITER $$
mysql>
mysql> CREATE TRIGGER after_employee_insert
-> AFTER INSERT ON employee
-> FOR EACH ROW
-> BEGIN
->     INSERT INTO emp_log (emp_name)
->     VALUES (NEW.name);
-> END$$
Query OK, 0 rows affected (0.01 sec)

mysql>
mysql> DELIMITER ;
mysql>
mysql> INSERT INTO employee (name, salary) VALUES ('John', 50000);
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM emp_log;
+-----+-----+-----+
| log_id | emp_name | action_time |
+-----+-----+-----+
|      1 | John    | 2025-10-08 13:59:01 |
+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

