

Table name: employee

Column name or Field name	Datatype
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emp_id(pk)	int
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name	varchar(50)
------	-------------

dept	varchar(50)
------	-------------

salary	float
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Table name: AuditLog

Column name or Field Name	Datatype
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employee_id	int
-------------	-----

Action	varchar(50)
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Write the SQL statement to create a trigger that logs deletions of an employee from the Employee table into the AuditLog table.

Expected output

employee_id	Action
-------------	--------

1	Employee Deleted
---	------------------

2	Employee Deleted
---	------------------

3	Employee Deleted
---	------------------

```
DELIMITER $$
```

```
CREATE TRIGGER LogEmployeeDelete
```

```
AFTER DELETE ON employee
```

```
FOR EACH ROW
```

```
BEGIN
```

```
    INSERT INTO AuditLog (employee_id, Action)
```

```
    VALUES (OLD.emp_id, 'Employee Deleted');
```

```
END;
```

```
SHOW TRIGGERS;
```

MySQL Workbench - Local instance MySQL8.0

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Information

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Query 1: department

```

143 TRIGGER
144 INSERT INTO AuditLog (employee_id, action)
145 VALUES (NEW.emp_id, 'Employee Created');
146 END;
147 SHOW TRIGGERS;
148
149 DELIMITER $$
150 CREATE TRIGGER LogEmployeeDeletes
151 AFTER DELETE ON employee
152 FOR EACH ROW
153 BEGIN
154     INSERT INTO AuditLog (employee_id, action)
155     VALUES (OLD.emp_id, 'Employee Deleted');
156 END;
157 SHOW TRIGGERS;

```

Result Grid

Trigger	Event	Table	Statement	Timing	Created	SQL_Mode	Definer
LogEmployeeInsert	INSERT	employee	INSERT INTO AuditLog (employee_id, action) VALUES (NEW.emp_id, 'Employee Created');	AFTER	2024-09-05 12:04:58.62	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION	root@localhost

Result Text

Query 2: SHOW TRIGGERS

Time	Status	Message	Duration / Peak
42 21:55:32	call LogEmployeeInsert	Error Code: 1355, PROCEDURE 'LogEmployeeInsert' does not exist	0:00 sec
43 21:57:07	SHOW TRIGGERS	Triggers returned	0:01 sec / 0.000 sec
44 20:05:01	SHOW TRIGGERS	Triggers returned	0:00 sec / 0.000 sec

Query Completed

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