

-- create a database

create database tri_employee;

use tri_employee;

-- Create employee table

CREATE TABLE employee (

emp_id INT PRIMARY KEY,

name VARCHAR(50),

dept VARCHAR(50),

salary FLOAT

);

-- Create AuditLog table

CREATE TABLE AuditLog (

employee_id INT,

Action VARCHAR(50)

);

-- Create EmpCountLog table

CREATE TABLE EmpCountLog (

emp_count int

);

set sql_safe_updates = 0;

-- Employee count trigger

delimiter //

create trigger insert_counter

after insert on employee

for each row

begin

update EmpCountLog

set emp_count = (select count(*) from employee);

end //

delimiter ;

delimiter //

create trigger delete_counter

after delete on employee

for each row

begin

 update EmpCountLog

 set emp_count = (select count(*) from employee);

end //

delimiter ;

-- testing trigger

insert into employee values

(3, 'Mike Brown', 'IT', 60000),

(4, 'AAA', 'IT', 90000);

select * from EmpCountLog;