Q1.

Ans\_1:

First, create **try** database and tables(employee and employee\_audit) in the database after creating put value in employee table :-

CREATE DATABASE try;

USE try ;

CREATE TABLE employees (

Employee\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR (100),

position VARCHAR (100),

salary DECIMAL (10, 2),

hire\_date DATE

);

CREATE TABLE employee\_audit (

audit\_id INT AUTO\_INCREMENT PRIMARY KEY,

employee\_id INT,

name VARCHAR (100),

position VARCHAR (100),

salary DECIMAL (10, 2),

hire\_date DATE,

action\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

INSERT INTO employees (name, position, salary, hire\_date)

VALUES

('John Doe', 'Software Engineer', 80000.00, '2022-01-15'),

('Jane Smith', 'Project Manager', 90000.00, '2021-05-22'),

('Alice Johnson', 'UX Designer', 75000.00, '2023-03-01');

* After added value now use trigger

DELIMITER $$

CREATE TRIGGER after\_employee\_insert

AFTER INSERT ON employees

FOR EACH ROW

BEGIN

INSERT INTO employee\_audit (employee\_id, name, position, salary, hire\_date)

VALUES

(NEW.Employee\_id, NEW.name, NEW.position, NEW.salary, NEW.hire\_date);

END$$

DELIMITER ;

* Now add value in employee table

INSERT INTO employees (name, position, salary, hire\_date)

VALUES ('Michael Clarks, 'site engineer', 35000.00, '2024-08-24');

**Result after using trigger :**

