

Module 4) Working with Database using SQL

ASSESSMENT

-- Create Database

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');
```

create a Trigger that will insert a record into the employee_audit table every time a new employee is added to the employee's table:

We have an employee's table, and we want to create a stored procedure to add a new employee and automatically log this action in an employee_audit table.