**Trigger Timing**

1. **After (….)**

* Trigger work After (actions)
* Abhi tak hum na yahi kyaa haa

1. **Instead of (….) -- Befor Timing**

**Example** : check Sallery on befor (Insert , Update) -- Validate user

CREATE TABLE Employees

(

EmployeeID INT PRIMARY KEY,

FirstName VARCHAR(50) NOT NULL,

LastName VARCHAR(50) NOT NULL,

Salary MONEY NOT NULL

)

INSERT INTO Employees VALUES (1, 'John', 'Doe', 35000.00),(2, 'Jane', 'Doe', 32000.00),(3, 'Bob', 'Smith', 28000.00),(4, 'Alice', 'Johnson', 40000.00)

--\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Create Trigger \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CREATE TRIGGER trg\_EnsureMinimumSalary

ON Employees

instead of INSERT, UPDATE

AS

BEGIN

IF (SELECT MIN(Salary) FROM INSERTED) < 30000

BEGIN

RAISERROR('Salary must be at least $30,000', 16, 1)

ROLLBACK TRANSACTION

END

END

--\_\_\_\_\_\_\_\_\_\_\_\_ Test Trigger \_\_\_\_\_\_\_\_\_

INSERT INTO Employees VALUES (1, 'John', 'Doe', 35000.00),(2, 'Jane', 'Doe', 29000.00)