

**PL/Sql-9 Trigger:** Create a row level trigger for the CUSTOMERS table that would fire INSERT or UPDATE or DELETE operations performed on the CUSTOMERS table. This trigger will display the salary difference between the old values and new values.

```
CREATE TABLE Customers (
    CustID INT PRIMARY KEY,
    CustName VARCHAR(50),
    Salary DECIMAL(10,2)
);

CREATE TABLE Salary_Log (
    LogID INT AUTO_INCREMENT PRIMARY KEY,
    CustID INT,
    OldSalary DECIMAL(10,2),
    NewSalary DECIMAL(10,2),
    Difference DECIMAL(10,2),
    ChangeDate DATETIME
);

INSERT INTO Customers VALUES
(101, 'Ravi', 50000),
(102, 'Anita', 60000),
(103, 'Meena', 55000);

#Create BEFORE UPDATE Trigger
DELIMITER //

CREATE TRIGGER before_customers_update
BEFORE UPDATE ON Customers
FOR EACH ROW
BEGIN
    INSERT INTO Salary_Log(CustID, OldSalary, NewSalary, Difference,
ChangeDate)
    VALUES (OLD.CustID, OLD.Salary, NEW.Salary, NEW.Salary - OLD.Salary,
NOW());
END //

DELIMITER ;

#Perform an UPDATE
UPDATE Customers
SET Salary = 65000
WHERE CustID = 101;

SELECT * FROM Salary_Log;
```