-- Step 1: Create the CUSTOMERS table

CREATE TABLE CUSTOMERS (

customer\_id NUMBER PRIMARY KEY,

name VARCHAR2(50),

salary NUMBER

);

-- Step 2: Create the Customer\_Salary\_Trigger

CREATE OR REPLACE TRIGGER Customer\_Salary\_Trigger

AFTER INSERT OR UPDATE OR DELETE

ON CUSTOMERS

FOR EACH ROW

BEGIN

-- If an UPDATE operation is performed

IF UPDATING THEN

DBMS\_OUTPUT.PUT\_LINE('Salary difference (UPDATE): ' || TO\_CHAR(:NEW.salary - :OLD.salary));

-- If an INSERT operation is performed

ELSIF INSERTING THEN

DBMS\_OUTPUT.PUT\_LINE('New Salary (INSERT): ' || TO\_CHAR(:NEW.salary));

-- If a DELETE operation is performed

ELSIF DELETING THEN

DBMS\_OUTPUT.PUT\_LINE('Old Salary (DELETE): ' || TO\_CHAR(:OLD.salary));

END IF;

END;

/

-- Step 3: Enable DBMS\_OUTPUT

SET SERVEROUTPUT ON;

-- Step 4: Insert sample data into the CUSTOMERS table

INSERT INTO CUSTOMERS (customer\_id, name, salary) VALUES (1, 'Alice', 50000);

INSERT INTO CUSTOMERS (customer\_id, name, salary) VALUES (2, 'Bob', 60000);

-- Step 5: Perform an UPDATE operation on the CUSTOMERS table

UPDATE CUSTOMERS SET salary = 55000 WHERE customer\_id = 1;

-- Step 6: Perform a DELETE operation on the CUSTOMERS table

DELETE FROM CUSTOMERS WHERE customer\_id = 2;

-- Step 7: Select all records from CUSTOMERS table to verify changes

SELECT \* FROM CUSTOMERS;