15/9/25

Aim:- To implement and create triggers and views in SQL.

Procedure:-

1. Create 2 tables customers and orders.
2. Insert the values.
3. Perform view operation.
4. Perform trigger operation.
5. Display output.

```
CREATE TABLE CUSTOMERS (
        CUST ID _INT PRIMARY KEY,
        CUST NAME VARCHAR (50);
        Balance DECIMAL (10,2)
        );

CREATE TABLE ORDERS (
        ORDERS INT PRIMARY KEY,
        CUST ID INT
        AMOUNT DECIMAL (10,2)
        FOREIGN KEY (CUST ID)
        REFERENCES CUSTOM

INSERT INTO CUSTOMERS VALUES
        (101, RAHUL , 80000);
        (102, PRIYA , 60000);
        (103, AMAN, 30000);
        (104, NEHA, 100000);
```

INSERT INTO ORDER VALUE()
(1, 101, 20000);
(2, 102, 1000);
(3, 104, 25000);

SELECT * FROM CUSTOMERS;

	CUST ID	CUST NAME	BALANCE
1	101		80 000
2	102	RAHUL	
3	103	PRIMA	60 000
4	104	AMAN	30 000
		NEHA	100000

SELECT * FROM ORDERS;

	ORDER ID	CUST ID	AMOUNT
1	1	101	2000000
2	2	102	1000000
3	3	104	250000

CREATE VIEW HIGH VALUE CUSTOMERS AS
SELECT CUST ID, CUST NAME BALANCE FROM
CUSTOMERS
WHERE BALANCE > 50000

SELECT FROM HIGH VALUE CUSTOMERS;

	CUST ID	CUST NAME	BALANCE
1	101	RAHUL	80000
2	102	PRIYA	60000
3	104	NEHA	100000

CREATE DEFAULT BALANCE

ON ORDERS

ALTER INNER AS BEGIN

UPDATE

SET C. BALANCE = (BALANCE- (AMOUNT FROM)

END;

	CUST_ID	CUST NAME	BALANCE
1	101	RAHUL	70 000
2	102	PRIYA	60000
3	103	AMAN	20 000
4	104	NEHA	100000

		CUST ID	AMOUNT
1	1	101	100000
2	2	102	100 000
3	3	103	65 000
4	4	104	100000

Result :- Thus, Implementation of their and trigger Operations are executed and completed Successfully.