Triggers and View

15/9/25

Aim:

To implement and execute Triggers and View 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 CUSTOMERSC

```
CUST·ID    INT PRIMARY KEY
CUST NAME    VARCHAR (50),
BALANCE    DECIMAL (10,2)
);
```

CREATE TABLE ORDERC,

```
ORDER ID INT  PRIMARY KEY,
CUST ID, INT
AMOUNT DECIMAL (10,2)
FORGINN  KEY (CUST ID)
REFERENCE CUSTOMERS(ID).
);
```

```sql
INSERT INTO CUSTOMERS VALUES
  (101, 'RAHUL', 80000),
  (102, 'PRIYA', 60000),
  (103, 'AMAN', 30000),
  (104, 'NEHA', 10000).

SELECT * FROM CUSTOMERS;
```

	CUST ID	CUST NAME	BALANCE
1	101	RAHUL	80000.00
2	102	PRIYA	60000.00
3	103	AMAN	30000.00
4	104	NEHA	10000.00

```sql
SELECT * FROM ORDERS,
```

	ORDER ID	CUSTID	AMOUNT
1	1	101	20000.00
2	2	102	30000.00
3	3	103	25000.00

```sql
CREATE TRIGGER DEDUCT -BALANCE
ON ORDERS.
ALTER INSERT AS BEGIN,
UPDATE C,
SETC BALACE : C. BALANCE -I. AMOUNT.FRO
ON C.COST ID : I. COST ID;
END;
INSERT INTO ORDERS VALUES
(5, 10, 10000);
```

```
SELECT * FROM CUSTOMERS;
SELECT * FROM ORDERS;
```

	CUST ID	CUST NAME	BALANCE
1	101	RAHUL	70000.0
2	102	PRIYA	60000.00
3	103	AMAN	30000.00
4	104	NEHA	100000.0

	ORDERID	CUST ID	AMOUNT
1	1	101	20000.00
2	2	102	10000.00
3	3	103	25000.00
4	4	104	10000.00

Result:

Thus, implementation of the view and Trigger operations are executed and Completed successfully.