

Date: 15-9-23

Task-6

Title TRIGGERS AND VIEWS

Aim: - To Implement and create triggers and views in SQL

procedure:

1. Create 2 tables customers and orders
2. Table the values
3. Perform view operation
4. perform triggers operation
5. Display output.

Create table customers C

```
CUSTID INT PRIMARY KEY,  
CUSTNAME VARCHAR (50),  
BALANCE DECIMAL (10,2)  
;
```

Create TABLE ORDERS

```
ORDER INT PRIMARY KEY,  
CUST ID INT  
AMOUNT DECIMAL (10,2)  
Foreign KEY (CUSTID)  
References customers (CUSTID)  
;
```


INSERT INTO CUSTOMERS VALUES

(101, RAHUL, 8000),
(102, PRIYA, 6000),
(103, AMAN, 3000),
(104, NEHA, 1000);

INSERT INTO ORDERS VALUES

(1, 101, 20000),
(2, 102, 10000),
(3, 104, 25000);

SELECT * FROM CUSTOMERS;

	CUSTID	CUST NAME	BALANCE
1	101	RAHUL	8000.00
2	102	PRIYA	6000.00
3	103	AMAN	3000.00
4	104	NEHA	1000.00

SELECT * FROM ORDERS;

	ORDERID	CUSTID	AMOUNT
1	1	101	20000.00
2	2	102	10000.00
3	3	104	25000.00

Create VIEW HIGH VALUE CUSTOMERS

SELECT CUSTID NAME BALANCE

FROM CUSTOMERS

WHERE BALANCE > 5000

SELECT A FROM HIGH VALUE CUSTOMERS

	CUSTID	CUSTNAME	BALANCE
1	101	RAHUL	8000000
2	102	PRIYA	60000.00
3	104	NEHA	100000.00

Create TRIGGER Default . BALANCE
on order

ALTER INDEX AS BEGIN
UPDATE

SET C. BALANCE = C BALANCE - 1. AMOUNT FROM
ONLY CUSTID 2. CUST ID;
END;

INSERT INTO ORDER VALUES
(5, 101, 1000);

SELECT * FROM CUSTOMERS;
SELECT * FROM ORDER;

	Cust-ID	Cust-Name	Amount
1	101	RAHUL	70000.00
2	102	PRIYA	6000.00
3	103	AMAR	9000.00
4	104	NEHA	10000.00

	ORDERID	CUSTID	Amount
1	1	101	2000.00
2	2	102	10000.00
3	3	103	2500.00
4	4	104	1000.00

VEL TECH	
EX No.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (3)	5
VIVA VOCE (3)	2
RECORD (5)	
TOTAL (20)	12
SIGN WITH DATE	(A) 15/8/17

VEL TECH	
EX No.	
PERFORMANCE (5)	
RESULT AND ANALYSIS (3)	
VIVA VOCE (3)	
RECORD (4)	
TOTAL (15)	
SIGN WITH DATE	

Result :- Thus, Implementation of timer's Trigger operations are executed and completed successfully