

TASK-6: Triggers and views:

Aim: To implement & create triggers & views in SQL.

procedure:

1. create 2 tables customers and orders
2. table the values
3. perform view operation
4. perform triggers operations
5. display output.

create table customers (

cust ID int primary key,  
 cust name varchar (50);  
 balance decimal (10,2)

);  
 create table orders.

order int primary key,

cust ID int;  
 amount decimal (10,2)  
 foreign key (cust ID)  
 references customers (cust ID)  
 );

insert into customers values

(101, Rakesh, 8000),  
 (102, Priya, 6000),  
 (103, Amal, 3000);  
 (104, Neha, 1000);

insert into orders values

(1, 101, 20000);  
 (2, 102, 10000);  
 (3, 104, 28000);

select \* from customers;

	cust ID	cust-NAME	BALANCE
1	101	RAHUL	100000
2	102	priya	60000
3	103	Amal	30000
4	104	Neha	10000

SELECT \* FROM \* orders

	cust ID	cust Name	Balance
1	101	RAHUL	80000
2	102	priya	60000
3	104	Neha	100000

create view high value customers

select cust ID name balance

from customers

where balance > 50000

select A from high value customers

	order ID	cust ID	Amount
1	1	101	200000
2	2	101	100000
3	3	104	25000

create trigger default - Balancing  
on orders

Alter insert AS design

update

set c-balance = c-balance - 1 Amount from

ord cust ID = 1 cust ID;

End;

Insert into orders values

CS, 101, 10001;

select \* from customers

select \* from orders

	cust-ID	cust-Name	Amount
1	101	RAHUL	70000.00
2	102	PRIYA	60000.00
3	103	AMAL	30000.00
4	104	NEHA	100000.00

	order ID	cust ID	Amount
1	1	101	20000.00
2	2	102	100000.00
3	3	103	25000.00
4	4	104	100000.00

VELTECH	
EX No.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
JAVA VOCE (5)	4
TECHNOLOGY (5)	1
TOTAL (20)	14
SIGNATURE	
DATE	

Result: Thus implementation of  
 these trigger operations are executed  
 and completed successfully.