

Date :- 16/09/25

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

Trigger in SQL:-

A special SQL procedure that automatically executes when a specific event (like INSERT, UPDATE, DELETE) happens on a table.

Syntax:- Create Trigger trigger-name
On table-name
After Insert | Update | Delete
AS
Begin
 — SQL statements to execute.
End;

Query:-

Create Trigger insert_default_account
After Insert on customer
For each row

Begin
 insert into bank_account (account-number, customerID, balance,
 category) values (1000 + :new.customerID, :new.customerID,
 0, 'Default');

End;

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insert into customer (customerID, name, address) values

(1, 'Alice', 'Hyderabad');

insert into customer (customerID, name, address) values

(2, 'Bob', 'chennai');

Select * from bank_Account;

Output:-

Account_number	CustomerID	Balance	Category
1001	1	0	Default
1002	2	0	Default

View in SQL:-

A View is a virtual table based on the result of a SQL Query. It doesn't store data itself.

Syntax:-
 create View View-name AS
 Select column1, column2, ...
 From table1
 Join table2 on condition
 where condition;

Query:- Create View CustomerAccount details AS


Select
 C.customerID,
 C.name AS CustomerName,
 C.address AS CustomerAddress,
 ba.account_number AS AccountNumber,
 ba.balance AS AccountBalance,
 ba.category AS AccountCategory
 From Customer C
 Join bank-Account ba ON C.customerID=ba.customerID;

Select * From CustomerAccount Details;

Output:-

CustomerID	CustomerName	CustomerAddress	AccountNumber	Account Balance	Account Category
1	Alice	chennai	1001	10000	Savings
2	Bob	Hyderabad	1002	25000	Salary

VEL TECH

EX NO.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	16
SIGN WITH DATE	

Result:-

The triggers and views were created and implemented successfully.

16/9/25