

Task No :- 6. Triggers and views

Date :- 16/9/25

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;  
  
'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 table 1

Join table2 on condition  
where condition;

Query: Create view customer Account details AS  
select

c. customer ID,

c. name AS customerName,

c. address AS customer Address,

ba. account-number AS Account Number,

ba. balance AS AccountBalance,

ba. category AS Account category.

from customer c

Join bank-Account ba on c.customer ID = ba.customerID;  
select \* from customer Account 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
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RECORD (5)	
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SIGN WITH DATE	

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Result: The triggers and views were created and implemented successfully.