

## Task-6

## Triggers and views

DL: 16/09/25

Aim: To implement and create a triggers and a view in SQL

### Trigger in SQL :

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

```
Create Trigger trigger-name  
On table-name  
After Insert / update / Delete  
As  
Begin  
-SQL Statement to execute  
END;
```

```
Create trigger insert-default-account  
After Insert on Customer  
for each row  
Begin  
insert into bank-account (account-number, customer ID, balance,  
category) values (1000+ : new customer ID, : new customer ID, 0, 'Default')  
End;  
/  
insert into Customer (customer ID, name, address) values  
(1, 'Alice', 'Hyderabad');  
insert into Customer (customer ID, name, address) value  
(2, 'Bob', 'Chennai');  
Select * from bank-Account;
```

Output:

Account Number	customer ID	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 table 2 on Condition  
where Condition;

Query : Create view Customer Account details AS

Select

c. customer ID,

c. name AS Customer Address,

ba. account - number AS account Number

ba. balance AS account Balance

ba. category AS Account Category

from customer c

Join Bank-account ba on c. customer ID = ba. customer ID;

Select \* From customer Account details;

Output:

Customer ID	customerName	customerAddress	Acc Num	Acc. Balance	Acc. category
1	Alice	Chennai	1001	100000	Saving
2	BOB	Hyderabad	1002	250000	Salary

VEL TECH	
EX NO.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
IVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	25
DATE	16/9/23

result: The implementation of creating a trigger and views in SQL are executed successfully.