

Task-NO 6

Date: 16-9-25

Triggers and Views

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, customer ID, balance, category) values (1000+ :new, customer ID, :new, customer ID, 0, 'Default');

END;

/

insert into customer (customer ID, name, address) values (1, 'Alicia', 'Hyderabad');

insert into customer (customer ID, name, address) values (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 customerAccount details AS
select

c.customer ID,
c.name as customer name,
c.address 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 customerAccount details;

output:-

customer ID	customer Name	customer address	Account Number	Account balance	Account Category
1	Alice	chennai	1001	10000	Savings
2	Bob	Hyderabad	1002	25000	Savings

VEL TECH	
EX NO.	8
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	—
TOTAL (20)	15
SIGN WITH DATE	16/9/22

Result The implementation & creating of triggers and
 ✓ a views in SQL are executed successfully.