Date:-02-09-25 _Independent and corelated Nested Queries_

Aim :- To implement nested queries in SQL

Procedure :-

1. Create required tables
2. Insert Sample data
3. write and execute independent nested queries
4. write and execute Correleated nested queries
5. Observe and analyse the difference in execution and results.

1. Independent Nested queries

Syntax :- SELECT Column_list FROM table WHERE Column OPERATOR (SELECT Column FROM table WHERE Condition)

Query :-

Select name from bank_account where address = (select address from bank_account where CustomerID =101);

Output :-

name
- - - -
Ram
Vinay

2. Correlated Nested Queries

Syntax:- SELECT column-list FROM table t_1 WHERE EXISTS (SELECT 1 FROM table t_2 WHERE Condition involving t_1. Colum = t_2.column);

Query:-

Select c.name from customer c where exists (select 1 from bank-account b where b.customer ID = c. Customer_ID);

output:-

Ram
Vijay
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Result:- The implementation of nested queries in SQL are executed Successfully.