

Task No: 4 Independent and Correlated

Date: -02-09-28 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 correlated nested queries
5. Observe and analyse the differences in execution and results.

1. Independent Nested Queries
(Simple)

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=10)

Output :-

name

Ram

Vinay

2. Correlated Nested Queries

Syntax:- SELECT Column_List FROM table t₁ WHERE EXISTS
(SELECT 1 FROM table t₂ WHERE Condition involving
t₁.Column = t₂.column);

Select C.name From customer C Where exists (select 1
From bank_account b Where b.customerID = C.customer_ID)

Output:-

Ram
Vijay
Vinay

VEL TECH	
EX NO.	4
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	10

9/9

Result:- The implementation of nested queries in SQL.
are executed successfully.