

Task NO : 4
Dt : 02/09/25

Independent and Correlated 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 analyze the differences 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
Vijay

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);

Query :

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

Output:-

Ram
Vijay
Vinay

VEL TECH	
EX NO.	15
PERFORMA	15
RESULT AND	8
VIVA VOCE ()	1
RECORD (D)	15
TOTAL (20)	20
SIGN WITH DATE	24/1/15

Result:-

The implementation of nested queries in SQL are executed successfully.