

Task 4. Independent and Correlated Nested Queries.

Date 2/9/25

Aim

To implement and understand Nested Queries in SQL

Procedure

1. Create
2. Insert
3. write & execute independent queries
4. write & execute correlated nested queries
5. ~~observe & analyse~~ the difference and result.

1. Independent nested queries

Syntax

SELECT ColumnList FROM table WHERE Column operator (SELECT Column FROM table WHERE Condition);

SELECT Name FROM Products WHERE Category Id =

(SELECT category ID FROM categories WHERE Category Name = Sports Item

2. Correlated Nested Queries Syntax

Select column list from table where
Exists (select from table 2 t2 where
condition involving t1.column = t2.column);
Query.

select Name from product p where
exist (select * from categories c where
category ID = 2 and P. category = category)

Output

Result

Name
shirt

VEL TECH	
EX NO.	4
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	20
SIGN WITH DATE	21/9/23

Result

Thus the implementation of nested queries
in sql was executed successfully