Aim:

To implement and understanding nested Queries in SQL including independent and Corelated Subqueries.

Procedure:

1. Create required table
2. Insert Sample data
3. Write and execute independent nested queries
4. Write and execute Corelated nested queries
5. Observe and analyse the difference in execute.

*Types of Nested Queries:

1. Independent (simple) Nested Queries

Syntax:

SELECT column _ list from table where Column Operator (SELECT column from Where Condition.

Query :

SELECT Name from products where Category

ID = (SELECT Category ID from Categories

Where Category Name = Sports items);

Output:

Name
Cricket Bat
Foot Ball

2. Corelated Nested Queries:

Syntax:

SELECT Column_list from table t_1 where
Exists (Select, from table t_2 Where Condition involving
t_1. Column = t_2. Column);

Query:

SELECT Name Products p where exists (SELECT *
from Categories C where Category ID = 2 and p.
Category ID = C. Category ID);

output:

Name
Shirts

Result:

Thus the implementation of nested queries in Sql
are executed Successfully.