

## Independent and Correlated Nested queries.

AIM:-

To implement and understand nested queries in SQL, including independent and correlated subqueries.

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);

<u>StdID</u>	<u>StdName</u>	<u>DeptID</u>	<u>CourseName</u>
1	Ram	10	aids
2	Shiva	20	aiml
3	Sumanth	40	ai
4	Charan	50	ml
5	rajee	65	aiml

Query:- select stdname from students where  
course name = (select course name from students  
where stdname = 'Shiva');

O/p

Std Name

Shiva  
raju.

## 2. Correlated Nested Queries

Syntax:- Select column\_list from table t1 where  
exists (select 1 from table 2 t2 where  
condition involving t1.column=t2.column);

stdid

stdid

1

4

2

5

Query:- select p.stdname from students p  
where exists (select 1 from slot u where  
u.stdid = p.stdid);

O/p

Std Name

Charan  
raju.

VEL TECH	
EX NO.	A
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	6
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	

Result:-

Thus, to study and implement independent  
and correlated nested queries is executed  
successfully.