## Touk :- 4

Independent and corelated Nested Queries

Aim: To implement and understand nested

Queries in SQL, including independent and

correlated sub queries.

## Procedure:-

- 1. Create required tables (eq mobile phones, brands, realme).
- 2. Insert sample data.
- 3. write and execute independent nexted
- 4. write and execute correlated nested 20:res.
- 5. Observe and analyse in execution and result.

syntax:-

SELECT Colcumn - list

Eron table

WHERE COLUMN OPERATOR (SELECT COlumn

From table WHERE condition);

1) Independent Nexted Query.

Find mobile phones who belong to the

same Brand Realme SELECT Mobile

Name

FROM mobile phones WHERE Brand 10= C SELECT Brand 10 FROM Mobile phones; WHERE mobile phone Name = 'Realme' Explanation: · Inner Query: gets Realme brand 10 (say 101) . Outer Query: finds all mobiles with brand 10 = 101 tugtuo Realme Redmi 2) Correlated Norted Queries syntax!-SELECT Column - List From tablet: WHERE Exists ( SELECT A

FROM table 2t.

WHERE condition t, column = ticolumn Find Mobile phones who have purchase in at least one brand.

SELECT & Mobile Name

FROM Mobile's

WHERE Elsit's C

SECECT /

PROM Purchance

WHERE Mobile brand ID = 5 Mobile brand ID

):

output:

Real me Redmi Vivo 1200

VEL TECH	_
EX NO.	10.
PERFORMANCE (5)	4
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	1
TOTAL (20)	tic
SIGN WITH DATE	14
	1

Reput: - Thus, the implementation of seglator commands using independent and corplated wested successfully