02/09/25 Task-4 Independent and created nested quevies Aim: - To implement and understand mested overies insal including independent and correlated subqueries procedure !-1. create required table (eg mobile phones, brands, realme) 2. insert sample data. 3. write and execute independent nested quienies 4. write and execute correlated nested queries. 6. observe. and analyze in execution and results. syntax:-SELECT. column. - list FROM. table. WHERE COLUMN. OPERATOR. (SELECT, coloum, FROM-KIBLE WHERE conditions:) Indpendent Nested avery. Find mobile phones who belong to the same Brand as Realme SELECT mobile Name From mobile chones WHERE Grand ID.C. SELECT Brand ID From mobile phones WHERE mobile phone name = 'Realme'); Explanation: · Inner query: gets Realme's brand 10 (say 101) · outer query: find all "mobiles with brand ID: 101 outrut Realme Redmi

2. correlated wested overies syntax: SELECT column - List From table to WHERE EXISTS (SEIECT. From table 2 tz WHERE condition to column = to column 33 Find mobile phones who have perchase in at least one bound. SELECTS mobile name From mobile's WHERE EXISTS (SELECT 1 From parchases WHERE mobile brand 10 - s mobile brand 10 output: Reolme Redmi vido T200

THE PERSON NAMED IN

37 VOID

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|-------------------------|---------|
| EX NO. | 4 |
| PERFORMANCE (5) | 0 |
| RESULT AND ANALYSIS (5) | 5 |
| VIVA VOCE (5) | 5 |
| RECORD (5) | - Aller |
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| WITH DATE | A |

result: Thus the implementation and independent and correlated nested away is excepted successfully.