4	01/09/25	Independent and Correlated Nested Queries	13	14/3

01/09/25 Task - 4: Independent And Correlated Nested Queries

Aim:- To implement Independent and Correlated Nested Queries in SQL.

Procedure :-

1. CREATE table student 3.
2. Insert data to table.
3. Write a Independent nested queries.
4. Execute correlated nested queries.
5. Analyze result.

```
CREATE TABLE STUDENT 3 C
        STU-ID INT PRIMARY KEY,
        NAME VARCHAR(50),
        AGE INT,
        DEPT ID INT);
INSERT INTO STUDENT3 VALUES.
  (1, 'Ravi', 20, 101),
  (2, 'Suresh', 19, 102),
  (3, 'Anil', 24, 102),
  (4, 'Kiran', 23, 101),
  (5, 'Rohit', 22, 101),
SELECT *FROM STUDENT 3
```

Sl. No.	STU-ID	NAME	AGE	DEPT-ID
1	1	Ravi	20	101
2	2	Suresh	19	102
3	3	Anil	24	102
4	4	Kiran	23	101
5	5	Rohit	22	101

```
SELECT NAME, AGE FROM STUDENT 3
WHERE AGE > (SELECT AVG AGE) FROM STUDENT 3
```

	NAME	AGE
1	Rohit	22
2	Kiran	23
3	Anil	24

```
SELECT   S1.NAME , S1. AGE , S1. DEPTID --  Correlated.
FROM     STUDENT3  S1.
WHERE    S1. AGE > 1
              SELECT   AVG (S2. AGE)
              FROM     STUDENT 3   S2
              WHERE    S1. DEPTID  = S2 . DEPT ID);
```

	NAME	AGE	DEPT ID
1	Rohit	22	101
2	Kiran	23	101
3	Anil	24	102

VELTECH	
EX No.	4
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	3
RECORD (5)	–
TOTAL (10)	13
SIGN WITH DATE	

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Result:-

Thus, the implementation of independent and correlated nested queries has been verified successfully.