11/9/25

TASK 4

INDEPENDENT AND CORELATED NESTED QUERIES

Aim:- TO Implement Indepen subqueries in SQL

PROCEDURE:-

1. create table student 3
2. insert data to table
3. write Independent nested queries
4. execute correlate nested quries
5. Analyse result.

```
CREATE TABLE STUDENT3(
        STU_ID INT PRIMARY KEY,
        NAME VARCHAR(50),
        AGE INT,
        DEPT ID INT);

insert into STUDENT 3 VALUES
(1, 'Ravi', 20, 101),
(2, 'Amit', 19, 102),
(3, 'priya', 24, 102),
(4, 'Kiran', 23, 101);
(7, 'Sneha', 22, 101);
```

SELECT * FROM STUDENT3

	STU-ID	NAME	AGE	DEPT ID
1	1	Ravi	20	101
2	2	sneha	22	101
3	3	Amit	19	102
4	4	priya	24	102
5	5	kiran	23	101

SELECT NAME, AGE FROM STUDENT3
WHERE AGE > (SELECT AVG (AGE) FROM STUDENT3)

	NAME	AGE
1	sneha	22
2	priya	24
3	kiran	23

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

	NAME	AGE	DEPT ID
1	sneha	22	101
2	kiran	23	101
3	priya	24	102

VEL TECH	
EX No.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	1
TOTAL (20)	17
SIGN WITH DATE	

Result:- Implementation of the independent and corrected nested ~~Queri~~ queries has been executed successfully.