TASK-4.1 Study of Nested Overies

. A Nested growing (subgrowing) is a query covitten inside another growing. It is used when the result of one growing is needed by another.

Types of nested queries:

(3) Single-row Subgrovery: - Returns one value

Electric Find employees with Salary above the average salary

SELECT Emphane, Salary FROM Employee WHERE Salary >

(SELECT AVG (SALARY) FROM Employee);

2 Multiple-row subgreery: Returns multiple values

Ele: Find employees who are in the same department as "Alice"
Johnson SELECT Emphane, Dept.

FROM Employee COHERE Dept IN (SELECT Dept FROM Employee COHERE EmpNAME = 'Alice Johnson');

@ Nested with IN ANY LALL Operators:

Eles- Find employees earning move than any HR employee.

SELECT Emphane, Salary FROM Employee WHERE Salary > ANY (SELECT Salary FROM Employee WHERE Dept = 'HR');

(4) Covidated Subgreery: - inner greery depends on outer greery

Eug-Find employees with satary greather than the average

of their department

SELECT Emphane, Dept, Salary FROM Employee COHERE Salary > (SELECT AVECEA Lavy) FROM Employee COHERE Dept = e-Dept);

TASK 4.2: Performing Query Processing Using Nested Queries :-Drind employees with the highest Salary. SELECT EmpName, Salary FROM Student Employee WHERE Salary = (SELECT MAX Salary) FROM Employee); (Find employees who joined after Bob smith. SELECT Emphane, Joining Date FROM Employee COHERE Joining Date > (SELECT Joining Date FROM Employee COHERE EmpName = 'Bob Smith'); (3) Find employees who care more than average Salary of IT department. SELECT EmpName, Dept, Salary FROM Employee COHERE Salary> (SELECT AVG(Salary) FROM Employee WHERE Dept = IT); (4) Find employees from departments that have move than employees. SELECT Emphane, Dept FROM Employee COHERE Dept IN (SELECT Dept FROM Employee GROUPBY Dept HAVING COUNT (*) >2); 5) Find employees working in the same city as David Brown '. SELECT EMPName, city FROM Employee COHERE City = (SELECT City FROM Employee WHERE EmpName = David Brown; VEL TECH - CSE EX NO. B PERFORMANCE (5) RESULT AND ANALYSIS (5) RESULT: Hence Study of Nested quer Paya VOCE (5) RECORD (5)

TOTAL (20)

SIGN WITH DATE

Soccessfully.