Non-Equi Join

1. Whis in Equally aprestor like >, 2, 2=, 2=, BETWEEN

2. Retimens your based on Ronge or Man-Equal

Comparison

39, What is Sub-Query? What are the types of Sub-query in 5969

A subgary is a query nested hiside another SQL query to vetern data used by the main query there are salar, row and table sub queries based on what they veterm.

sul quies com be used in WHERE, FROM OR SELECT

40) How is correlated sub-query drifferent from a mon-correlated sub-query?

arrelated sub query INTER refers to columns from the outer query - escecutes once for each now in outer query - Connot run in defen dently Non-Correlated sout query - does not depend on outer query - Executes only once and the result is used by outer query - Can yun independently 4), Girde Example of Dub Query in SELECT Clarse (8) SELECT (SELECT COUNTLY) FROM tasks WHERE task-employee-id = employee.id) AS task - Count FROM Implayers;

42, write gury to find employees who earn more than the average salary using sub query (Eg) SFLECT some, solvry FROM employees WHERE Solony > C SELECT AVOI (solony) FROM employees 43, what is difference between union and union ALLT 1) Diplicate Handling ranes from vesult - union removes duplicate - UNION ALL includes all vones, including diplo Cales 2, Performance - UNION'S Moreon due to overlead of checking and venoving duplitates - UNION ALL is forter because it stops duplicate elimination

44, What is the INTERSECT operator used for 9 gs it available in My SQL?

The Intersect ofelotor is used to vition only the Common rows between two SELECT queries.

(Eg) SELECT city FROM CUSTOMENS.

SELECT city From Suppliers:

45, HOW Can you compine JOIN GROUP By and HAVING in Dinger RUNG?

you can Join, GROUP by and HAUING in Single guery.

(29) SELECT d. deportment\_nome, COUNT(e.id) AS
emp-Count, AVG (e. Daloy) AS ang\_daloy

FROM Implayer e JOIN departments d'on e-durinet - id = d.id Chroup By d. deportment - mama HAVING COUNT Cerid >5)

46, What is a CASE WHEN Statement in SQZ?
Pravid Scarple?

The CASE WHEN statust is used in SQL to Perform conditional logic - like on 3f-else structure. 9t yethers value booked on different Conditions within a query

Syntox:

CASE

WHEN CONDITION THEN YEARLY
WHEN CONDITION THEN YOULT 2

FLE depolt - result

47 How would you retruice allo employer who found in the last 6 months using date functions?

To retrice all employees who soired in the list 6 months, you can be use SqL date function

(Eg) SELECT name, Join date

FROM emplayers

WHERE Join - date >= CUR DATE() - INTEXUAL

6 MONTH;

48) Explain the purpose and Dystose of INSFERT,
UPDFIE and DELETE Commonds

INSERT: Add men relords for in a tible

SyntAx:
MUSERT INTO tible - mane (column 1, colurz

MUSERT INTO tible - mane (column 1, colurz

....)

UPDATE: - Modifier escisting records in table

Syntac: UPDATE table\_mome

SET Column 1 = value 1, Column 2 = value 2,...

WHERE condition;

DELETE: Removes one or more yeards film a table

Systems: DELETTE FROM table : none
WAERE Condition;

50, what are toposoctions in SQL 7. Explori COMMIT,

ROLL BACK, SAVEPOINT and the ACID Properties?

- A transaction is a set of SQL operations executed as a single unit to maintain data integrity

COMMIT issues all charges made in transaction permentently

ROLL BACK unders charges it an error orders or transaction

FAVE POINT: Crates or Check Point within transaction

to gift back to if According