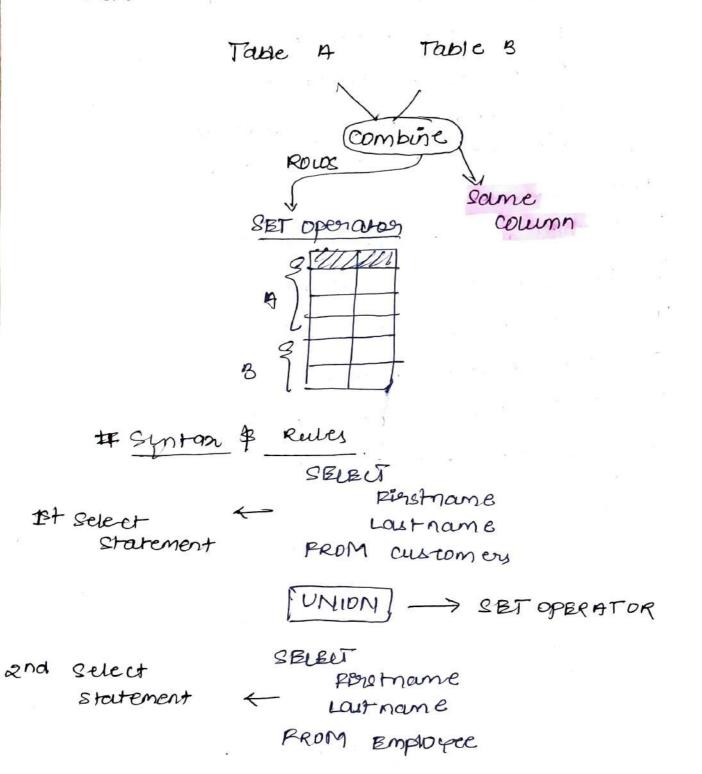
SET OPERATOR

Set operation in SOL combine tu sesuet of Multiple oueries into a single result set.



1) 818L clauses

- -SET operator can be used almost in all secondaries. 1
 - ·WHERE I JOIN) GROUP BY I HAVING.
- ORDER by is allowed only only at the end of Query. I can be used only at the end to sort the final Result.

2) RULE Number of comm rs.

- Number of columns in each query must be the same.

3) DATA TYPES

- Data types in each overy Must be compatible. Means Data type should also not change.

4) ORDER OF COLUMNS

- Order of column in each query must be the same.

5) column Alias

- Column names in the Result Set avre determined by the column names specified in the pinch Query.

SSIBLI

Customer 101] > 1st query conterols

Lastnamez column Name.

PROM customer

UNION

SBIECT
Briplagee CD,
Lastrane
PROM emplagee.

B) CORRECT COLUMNS

- Buen Et au Rules are met and skowa. SOL Shows no errors-the result may be incorrect.
 - Encorrect column seelection leads to inaccurate Result.

1) UNEON



- Return Au distric Row prom both Queries.
- Removes Duplicates Rows prom the list.

En: - combine tu data prom employees and au comers into one Table.

- · Clustomen h
- · Firetname
- · Lastename.

the volume of Queries in union doesn't affect the Result.

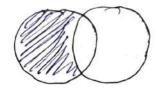
SBLECT
FIRSTMANE,
LOWFNAME
FROM CUSTOMERS
UNION
SELECT
FROM FROM Employee.

2) UNEON ALL

- Retwin all Rows Forom both Queries, Encluding despicates.
- · UNION AU is generally paster than UNION.
- · If your'e confiant there are no duplicates, use union All.

oute union all to pind duplicates and Quality issues.

2) EXCEPT CMINUS)



- Removes des distinct 91000s poron ten pierst greeny.
- They are not pound in the second onery.
- It is the only one where the order of queries affects the Result.

En: - pind employees who are not customers at same time.

SBLECT

First names

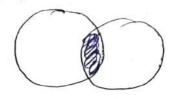
Last name

PROM employee

EXCEPT

PERECT PERENTHOLINE, LOSTHAME PROM customer

3) INTERSIZUT



- · Return only the Rows that are comman in both Queries.
- · Dufficates are not quowed.

Ez: Employees who are also cus comers.

SELECT porstname, Lastname PROM Bourse. Employee

ENTERSECT

SELECT

Postname,

Lastname

PROM customers

4) UNION use cases.

· combine information (similar) bepone analyzing the dara. Ego orders are Stoned in separate Tables

- Corder and orders Arrevie).

· Combine all orders into one report without duplicates.

SELECT 'Orders' As sown a Table,

onder ID,
product ID,
cus tomenID,
Salus person ID,
order Date

PROM Sales. orders

SBIBUT

'Onders Andieve' As source Table,

Order NZ,

product NZ,

custo merus,

saus person Ns,

Order Date

FROM sales orders Andrieve.

· Eacept use cases

DELTA EXECUTION

identifying tu différence or changes (delta) bow two batches of data.

Source Data System warehouse day 1 id name name name 2 name name. Bocept name day 2 name 3 noune

> data/ record on this by remove Similian data prion prutions Table.

Data completness check.

taupt operator can be used to compare takes to detect discrepances by w databases.

