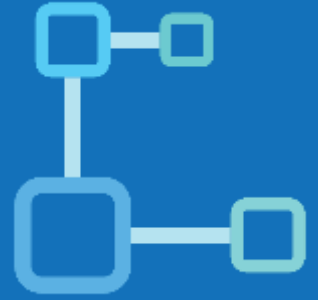




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DATABASE



Types of Operator

Arithmetic Operator (+, -, *, /)

Comparison Operator (= , !=, <>)

Relational Operator (> , < , >= , <=)

Logical Operator (And ,Or ,Not)

Special Operator (In ,Not In, between ,Not between , Is , Is not , Like ,Not Like)

Concatenation Operator (||)

Sub Query Operator (All, Any ,Exist ,Not Exist)

And Operator

And

If the all the condition are true then only 'And' Operator will return true

A	B	Result
1	1	1
1	0	0
0	1	0
0	0	0

True
False
False
False

Syntax:

```
SELECT column1,  
column2, columnN  
FROM table_name  
WHERE [condition1] AND  
[condition2]...AND  
[conditionN];
```

OR Operator

OR

If any One of the condition is true then 'OR' Operation will return true

A	B	Result
1	1	1
1	0	1
0	1	1
0	0	0

Syntax:

```
SELECT column1,  
column2, columnN  
FROM table_name  
WHERE [condition1]  
OR [condition2]...OR  
[conditionN]
```

In Operator

In Operator

It is multivalued Operator which can accept multiple value at R.H.S and single value L.H.S.

Syntax

Column /Expression In (v1,v2,v3-----vn);

Question : employee name ,dept. no ,if
the employee working in deptno 10, 20,
30;

Select ename , deptno
From emp
Where deptno in (10,20 ,30);

Questions: Employee name job and deptno if
employee working in dept. no (30, or 40) as salesman
or manager

Select ename ,job ,deptno
From emp
Where (deptno In (30,40)) and (job in ('salesman',
'manager'));

Not In

Syntax --- Column_name (expression NotIn (v1, v2, v3 -----vn)

Question : Details of an employee if they are working deptno 20 and 30 except who are working as clerk or manager and they are getting salary 800 , 1200 or 3000;

Concatenation

Concatination : it used to combine any two string (||)

Example : select 'MR' || Ename
from Emp;



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Thank you