

Q. What is use of Where Clause?

-> To Apply the condition

Q. What is use of LIKE operator?

-> To match character Pattern

Q. What is use of IN operator?

-> To use multiple values in condition

Q. What is use of IS NULL?

-> To check value is NULL or not

Q. Write a query to drop a constraint "emp_pk" which is applied on Employee table

Q. I want to drop a column "emp_salary" of Employee table, write a sql query.

Q. What is use of Between AND ?

-> To find the range between 2 values

Q. Which function is used to convert date to char?

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Q. Write a query to delete any 10 rows from Employee table.

Ans delete from Employee where rownum<=10;

Q. Which clause is used to sort the result either in ascending or descending order.

Ans To sort the records we need to use ORDER BY Clause

Q. Find out the last_name,salary, manager ID of those EMPLOYEE whose salary is greater than 10000?

Q. Write a sql query to display employee details whose salary is between 4000 and 8000?

Q. Display all Employee whose salary is not in 4000,10000 3000?

Q. Display Employee details whose commission is null?

Q. display the Employee details whose last contains 'e' or 'a' character

Q> When we should go with inner join?

-> If we want common data from both tables then we should go with INNER JOIN

Q> When we should go with left outer join?

-> If we want all records from left table and only matching records from right table then we should go with left join.

Q> When we should go full outer join?

-> If we want all data from left table and all data from right table then we should go with full outer join

Self Join Examples

Q. Write a query to display the employee name and their manager's name

Employee

EMPNO	EMPNAME	SALARY	MANAGERID
100	Peter	5000	103
101	Kavita	7000	103
102	Robin	9000	107
103	Alex	9000	106
104	John	9000	107
105	Vivek	9000	106
106	Yatin	9000	107
107	Lalit	9000	0

Ans

```
select e2.empname,e1.empname as Manage_name from  
Employee500 e1 JOIN Employee500 e2  
ON e1.EMPNO=e2.MANAGERID
```

EMPNAME	MANAGE_NAME
Peter	Alex
Kavita	Alex ✓
Robin	Lalit
Alex	Yatin
John	Lalit
Vivek	Yatin
Yatin	Lalit

Left Outer Join Example

Q. Display Employee's name and department name even if there is no department assigned to the Employee

Employee(empno,empname,salary,DOJ,deptid)

Department(deptid,deptname,location)

```
Select empname,deptname From Employee e Left Join Department d
ON e.deptid=d.deptid;
```

```
Select empname,deptname From Department d Right JOIN Employee e
ON d.deptid=e.deptid;
```

Q. Write a query to display the Employee names and their manager names. display all employee including who are not Manager.

Employee(empid,empname,salary,mid)

Manager(mid,mname)

```
select ename,mname From Employee e Left Join Manager m
On e.mid=m.mid;
```

```
Select ename, mname From Manager m Right JOIN Employee e
On m.mid=e.mid;
```

Q. write sql query to find duplicate records From Fruits table

FRUIT_ID	FRUIT_NAME	COLOR
1 ✓	Apple ✓	Red ✓
2 ✓	Orange ✓	Orange ✓
2 ✓	Orange ✓	Orange ✓
3 ✓	Banana ✓	Yellow ✓
3 ✓	Banana ✓	Green ✓
4 ✓	PineApple ✓	Green ✓
1 ✓	Apple ✓	Red ✓

```
select fruit_name,count(*) From Fruits
having count(*) >1 group by fruit_name
```

FRUIT_NAME	COUNT(*)
Apple	2
Orange	2
Banana	2

Q. Write sql query to delete duplicate records
From Fruits table

```
delete From Fruits where rowid NOT IN (select min(rowid)
from Fruits group by FRUIT_NAME)
```