

Assignment No.	4
Title	Design at least 10 SQL queries for suitable database application using SQL DML statements: all types of Join, Sub-Query and View.
Roll No.	
Class	T.E. (C.E.)
Date	
Subject	Database Management System Laboratory
Signature	

Aim: Consider relational schema

Employee (Eno, Ename, Deptno, Salary) **Eno=pk, Deptno=fk**
Department (Deptno, Dname) **Deptno=pk**

Implement all join operation –cross join, natural join ,equi join, left outer ,right outer join etc

& Write SQL Queries for following questions

- i) List of employee names of 'Computer ' department.
- ii) Find the Employee whose Salary above 50000 of each department.
- iii) Find Department name of employee name 'Amit'.

Result: create table employee

```
mysql> select * from Employee;
```

create table department

```
mysql> select * from Department;
```

CROSS JOIN

Inner join

LEFT OUTER JOIN |

RIGHT OUTER JOIN

NATURAL JOIN

i) List of employee names of 'Computer ' department.

ii) Find the Employee whose Salary above 50000 of each department.

iii) Find Department name of employee name 'Amit'.

Conclusion: Thus we have studied to use & implement various join operation with nested queries.

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Assignment Question:

1. Explain Join Function.
2. Enlist the different types of join operations.
3. Explain CROSS Join explain with example.
4. Explain Natural join explain with example.
5. Explain Inner join explain with example.
6. Explain Outer join explain with example.
7. What is the use of nested Query. Explain with Example.