

# Module 3: Retrieve Data from Multiple Tables

---

Assignment Solution

edureka!

edureka!

© Brain4ce Education Solutions Pvt. Ltd.



## Assignment Solution

Q1: Perform the following in SQL

- Retrieve data from multiple tables

-- SELF JOIN Example:

```
SELECT t2.first_name as empname, t1.first_name as mgrname
FROM employee t1
JOIN employee t2
ON t1.emp_id = t2.mgr_id;
```

-- INNER JOIN Example:

```
Select t2.first_name, t1.dept_name
From dept t1
INNER JOIN employee t2
ON t1.deptno = t2.deptno;
```

-- LEFT OUTER JOIN Example:

```
Select t1.first_name, t2.dept_name
From employee t1
LEFT OUTER JOIN dept t2
ON t1.deptno = t2.deptno;
```

-- RIGHT OUTER JOIN Example:

```
Select t1.first_name, t2.dept_name
From employee t1
RIGHT OUTER JOIN dept t2
ON t1.deptno = t2.deptno;
```

-- CROSS JOIN Example:

```
Select t1.dept_name, t2.first_name
From dept t1
CROSS JOIN employee t2;
```