

Assignment_8

```
mysql>
mysql> SELECT e.*
-> FROM emp e
-> JOIN dept d ON e.deptno = d.deptno;
```

empno	ename	job	mgr	hiredate	sal	comm
1	John Doe	Manager	NULL	1994-06-15	60000.00	NULL
2	Jane Smith	Analyst	1	1999-08-24	50000.00	500.00
3	Emily Davis	Clerk	1	2000-11-30	40000.00	NULL
4	Michael Brown	Developer	NULL	2005-12-15	70000.00	NULL
5	Anna Johnson	Team Lead	4	2010-03-23	80000.00	1000.00
6	Chris Lee	Accountant	NULL	2000-05-01	55000.00	800.00

6 rows in set (0.00 sec)

```
mysql> SELECT e.ename AS employee_name, d.dname AS department_name
-> FROM emp e
-> LEFT JOIN dept d ON e.deptno = d.deptno;
```

employee_name	department_name
John Doe	HR
Jane Smith	HR
Emily Davis	HR
Michael Brown	IT
Anna Johnson	IT
Chris Lee	Finance

6 rows in set (0.00 sec)

```
mysql> SELECT e.ename AS employee_name, d.dname AS department_name
-> FROM emp e
-> RIGHT JOIN dept d ON e.deptno = d.deptno;
```

employee_name	department_name
Emily Davis	HR
Jane Smith	HR
John Doe	HR
Anna Johnson	IT
Michael Brown	IT
Chris Lee	Finance

6 rows in set (0.00 sec)

```
mysql> SELECT *
-> FROM emp
-> WHERE sal > (SELECT AVG(sal) FROM emp);
```

```

+-----+-----+-----+-----+-----+-----+-----+
+-----+
| empno | ename          | job          | mgr | hiredate   | sal        | comm        |
deptno |
+-----+-----+-----+-----+-----+-----+-----+
+-----+
|      1 | John Doe       | Manager      | NULL | 1994-06-15 | 60000.00   | NULL        |
10 |
|      4 | Michael Brown  | Developer    | NULL | 2005-12-15 | 70000.00   | NULL        |
20 |
|      5 | Anna Johnson   | Team Lead    | 4    | 2010-03-23 | 80000.00   | 1000.00     |
20 |
+-----+-----+-----+-----+-----+-----+-----+
+-----+
3 rows in set (0.00 sec)

```

mysql>