Joins table

use joins;

SELECT e.emp\_id, e.name, d.dept\_name

FROM Employees e INNER JOIN Departments d ON e.dept\_id = d.dept\_id WHERE d.dept\_name = 'IT';

SELECT d.dept\_id, d.dept\_name

FROM Departments d LEFT JOIN Employees e ON d.dept\_id = e.dept\_id WHERE e.emp\_id IS NULL;

SELECT e.name, d.dept\_name

FROM Employees e CROSS JOIN Departments d;

SELECT e.name, d.dept\_name FROM Employees e

LEFT JOIN Departments d ON e.dept\_id = d.dept\_id UNION

SELECT e.name, d.dept\_name FROM Employees e RIGHT JOIN Departments d ON e.dept\_id = d.dept\_id;

SELECT e.emp\_id, e.name FROM Employees e LEFT JOIN Departments d ON e.dept\_id = d.dept\_id WHERE d.dept\_id IS NULL;