1. Find employees who are in the ‘IT’ department.

Ans:

select e.\*,d.dept\_name from employees e Inner join department d on e.dept\_id = d.dept\_id where d.dept\_name = 'IT';

A screenshot of a computer

AI-generated content may be incorrect.

1. List departments with no employees.

Ans:

select d.dept\_id,d.dept\_name from employees e right join department d on e.dept\_id = d.dept\_id where e.emp\_id is null;

A screenshot of a computer

AI-generated content may be incorrect.

1. Show each employee’s name along with every department they could potentially work in.

Ans:

select e.name , d.dept\_name from employees e cross join department d;

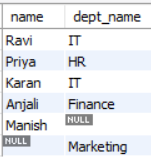


1. Get all employees and all departments (even if no match).

Ans:

select e.name ,d.dept\_name from employees e left join department d on e.dept\_id = d.dept\_id union

select e.name,d.dept\_name from employees e right join department d on e.dept\_id = d.dept\_id;



1. Find employees who do not belong to any department.

Ans:

select e.emp\_id,e.name from employees e left join department d on e.dept\_id = d.dept\_id where e.dept\_id is null;

