

exp 8 : extract data from more than one table

-- Create the departments table

```
CREATE TABLE departments (  
    department_id INT PRIMARY KEY,  
    department_name VARCHAR(50)  
);
```

-- Insert sample data into the departments table

```
INSERT INTO departments (department_id, department_name) VALUES  
(10, 'HR'),  
(20, 'IT');
```

-- Create the employees table

```
CREATE TABLE employees (  
    employee_id INT PRIMARY KEY,  
    employee_name VARCHAR(50),  
    department_id INT,  
    FOREIGN KEY (department_id) REFERENCES departments(department_id)  
);
```

-- Insert sample data into the employees table

```
INSERT INTO employees (employee_id, employee_name, department_id) VALUES  
(1, 'Alice', 10),  
(2, 'Bob', 20),  
(3, 'Charlie', 10);
```

SELECT

```
    e.employee_name,  
    d.department_name
```

FROM

```
    employees e
```

INNER JOIN

departments d ON e.department_id = d.department_id;