# Foreign Keys

\* The following are a query and output involving two tables. Notice that `department\_id` and `id` columns match.

```sql

SELECT \* FROM employees e

JOIN departments d

ON (e.department\_id = d.id)

WHERE e.department\_id = 45;

```

![Images/foreign01.png](Images/foreign01.png)

\* Based on the above, reconstruct the table schemata for `employees` and `departments` tables.

\* \_You can use pgAdmin and create a new table to test out this activity\_

\* \_Save your completed SQL file in this folder.\_