We've gotten the message that some of our DBAs are loosing grasp of the internal structure of our FakeCompany inc. Let's try to help them out!

To aid in this, we're initiating a challenge! Your task is to create a reference table that encapsulates the essential aspects of our internal database structure.

What You Need to Do

Examine the Provided Table Image: A reference image (see below) outlines the basic format and information your table should include.

	CONNECTION_TREE	DEPARTMENT_ID	HEAD_DEPARTMENT_ID	DEPARTMENT_NAME
1	→ Research & Development	1	null	Research & Development
2	→ Research & Development → Human Resources	2	1	Human Resources
3	→ Research & Development → Product Development	11	1	Product Development
4	→ Research & Development → Human Resources → Recruitment	21	2	Recruitment
5	→ Research & Development → Human Resources → Employee Relations	22	2	Employee Relations
6	→ Research & Development → Product Development → Software Design	111	11	Software Design
7	→ Research & Development → Product Development → Product Testing	112	11	Product Testing

Create a Similar Table: Develop a table that mirrors the structure shown in the image. Make sure your table is tailored to reflect our specific database architecture at FakeCompany Inc.

The starting code for this challenge:

Startup code

```
CREATE OR REPLACE table departments (department_name varchar, department_ID int,
head_department_ID int);

INSERT INTO departments (department_name, department_ID, head_department_ID) VALUES
    ('Research & Development', 1, NULL),  -- The Research & Development department is
the top level.
        ('Product Development', 11, 1),
            ('Software Design', 111, 11),
            ('Product Testing', 112, 11),
        ('Human Resources', 2, 1),
            ('Recruitment', 21, 2),
            ('Employee Relations', 22,
```