



backend-exam-database (Question)

<https://github.com/papopporkingfujikuracloud1/backend-exam-database>

Git clone

```
git clone https://github.com/papopporkingfujikuracloud1/backend-exam-database.git
```

Setup database

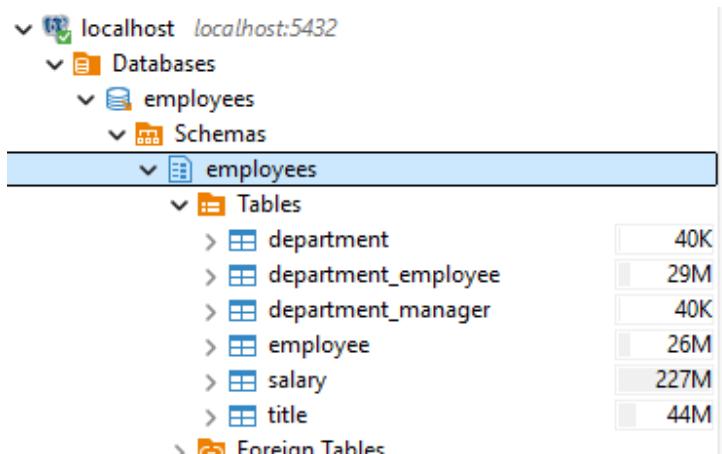
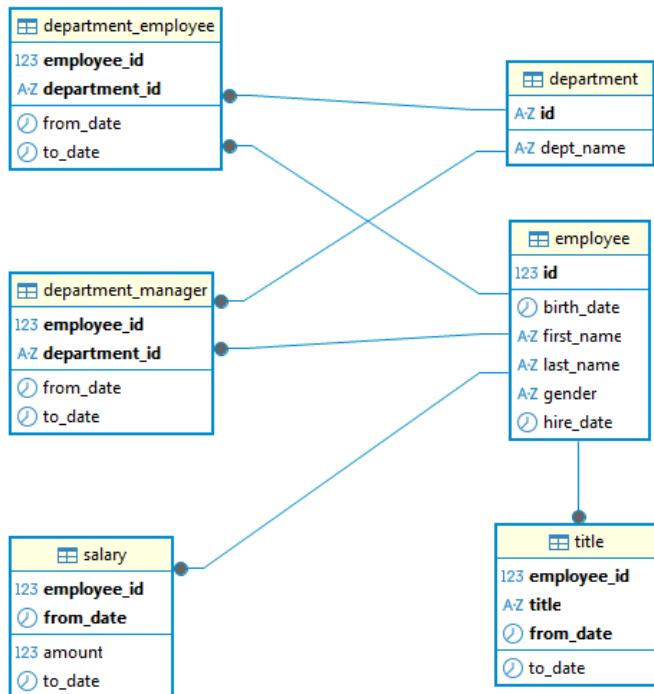
```
set PGPASSWORD=[My password]

# Create database
psql -h localhost -p 5432 -U postgres

DROP DATABASE IF EXISTS employees;
CREATE DATABASE employees;
\c employees
CREATE SCHEMA employees;
\q

# Import database
pg_restore -h localhost -p 5432 -U postgres -d employees -v --no-owner --no-privileges -c "employees.sql"

# Check connect
psql -h localhost -p 5432 -U postgres -d employees
```



Question

No	Question (English)
1	Find the top 3 highest paid employees for each department in 2000.
2	List employees who were never managers but had a salary increase over 50% during tenure.
3	Find the department with the highest average salary in 1995.
4	List employees who switched departments more than once.
5	Find employees who were promoted to Senior Engineer before age 30.
6	Calculate the total salary paid to each department in 1990.
7	Find the employee with the longest tenure in the company.
8	Calculate the median salary per department in 1999.
9	List employees hired before 1960 who became managers.

No	Question (English)
10	Find employees with salary records overlapping multiple departments.
11	List employees who never had a title of "Staff".
12	Find the department with most employees hired in 1992.
13	Find departments that had more than 3 managers at any point.
14	List employees who became managers in the same department where they started work.