-- Data is from https://github.com/vrajmohan/pgsql-sample-data/tree/master/employee

CREATE TABLE employees (

emp\_no INT NOT NULL,

birth\_date DATE NOT NULL,

first\_name VARCHAR(14) NOT NULL,

last\_name VARCHAR(16) NOT NULL,

gender VARCHAR(1) NOT NULL,

hire\_date DATE NOT NULL,

PRIMARY KEY (emp\_no)

);

CREATE TABLE departments (

dept\_no VARCHAR(4) NOT NULL,

dept\_name VARCHAR(40) NOT NULL,

PRIMARY KEY (dept\_no),

UNIQUE (dept\_name)

);

CREATE TABLE dept\_manager (

dept\_no VARCHAR(4) NOT NULL,

emp\_no INT NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

PRIMARY KEY (emp\_no,dept\_no)

);

CREATE TABLE dept\_emp (

emp\_no INT NOT NULL,

dept\_no VARCHAR(4) NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

PRIMARY KEY (emp\_no,dept\_no)

);

CREATE TABLE titles (

emp\_no INT NOT NULL,

title VARCHAR(50) NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

PRIMARY KEY (emp\_no,title, from\_date)

);

CREATE TABLE salaries (

emp\_no INT NOT NULL,

salary INT NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

PRIMARY KEY (emp\_no, from\_date)

);

Select \* from dept limit 10