-- Creating tables for AntwanDB

CREATE TABLE departments (

dept\_no VARCHAR(4) NOT NULL,

dept\_name VARCHAR(40) NOT NULL,

PRIMARY KEY (dept\_no),

UNIQUE (dept\_name)

);

-- Employees

CREATE TABLE employees (

emp\_no INT NOT NULL,

birth\_date DATE NOT NULL,

first\_name VARCHAR NOT NULL,

last\_name VARCHAR NOT NULL,

gender VARCHAR NOT NULL,

hire\_date DATE NOT NULL,

PRIMARY KEY (emp\_no)

);

-- Dept Manager

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)

);

--Salaries

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)

);

--Dept Emp

CREATE TABLE dept\_emp (

dept\_no VARCHAR(4) NOT NULL,

emp\_no INT NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

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

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

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

PRIMARY KEY (emp\_no, dept\_no)

);

--Titles

CREATE TABLE titles (

emp\_no INT NOT NULL,

title VARCHAR NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

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

PRIMARY KEY(emp\_no)

);

SELECT \* FROM departments

DROP TABLE employees CASCADE;