**CS457L -Week 7**

**http://dev.mysql.com/doc/employee/en/**

**Creating database:**

drop database if exists company;

create database company;

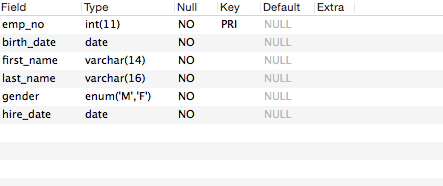
use company;

**Creating tables:**

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 enum('M','F') not null, hire\_date date not null, primary key(emp\_no));

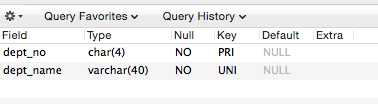
show tables;

describe employees;



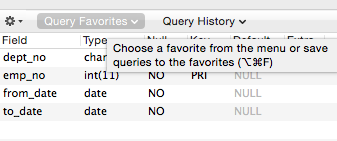
create table departments(dept\_no char(4) not null, dept\_name varchar(40) not null unique, primary key(dept\_no));

describe departments;



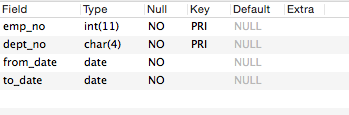
create table dept\_manager(dept\_no char(4) not null, emp\_no int not null, from\_date date not null, to\_date date not null, foreign key(emp\_no) references employees(emp\_no) on delete cascade, foreign key(dept\_no) references departments(dept\_no) on delete cascade, primary key(emp\_no, dept\_no));

describe dept\_manager;



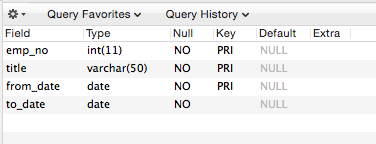
create table dept\_emp(emp\_no int not null, dept\_no char(4) not null, from\_date date not null, to\_date date not null, foreign key(emp\_no) references employees(emp\_no) on delete cascade, foreign key(dept\_no) references departments(dept\_no) on delete cascade, primary key(emp\_no, dept\_no));

describe dept\_emp;



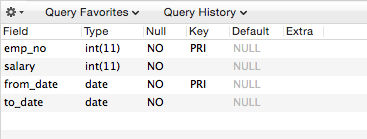
create table titles(emp\_no int not null, title varchar(50) not null, from\_date date not null, to\_date date not null, foreign key(emp\_no) references employees(emp\_no) on delete cascade, primary key(emp\_no, title,from\_date));

describe titles;

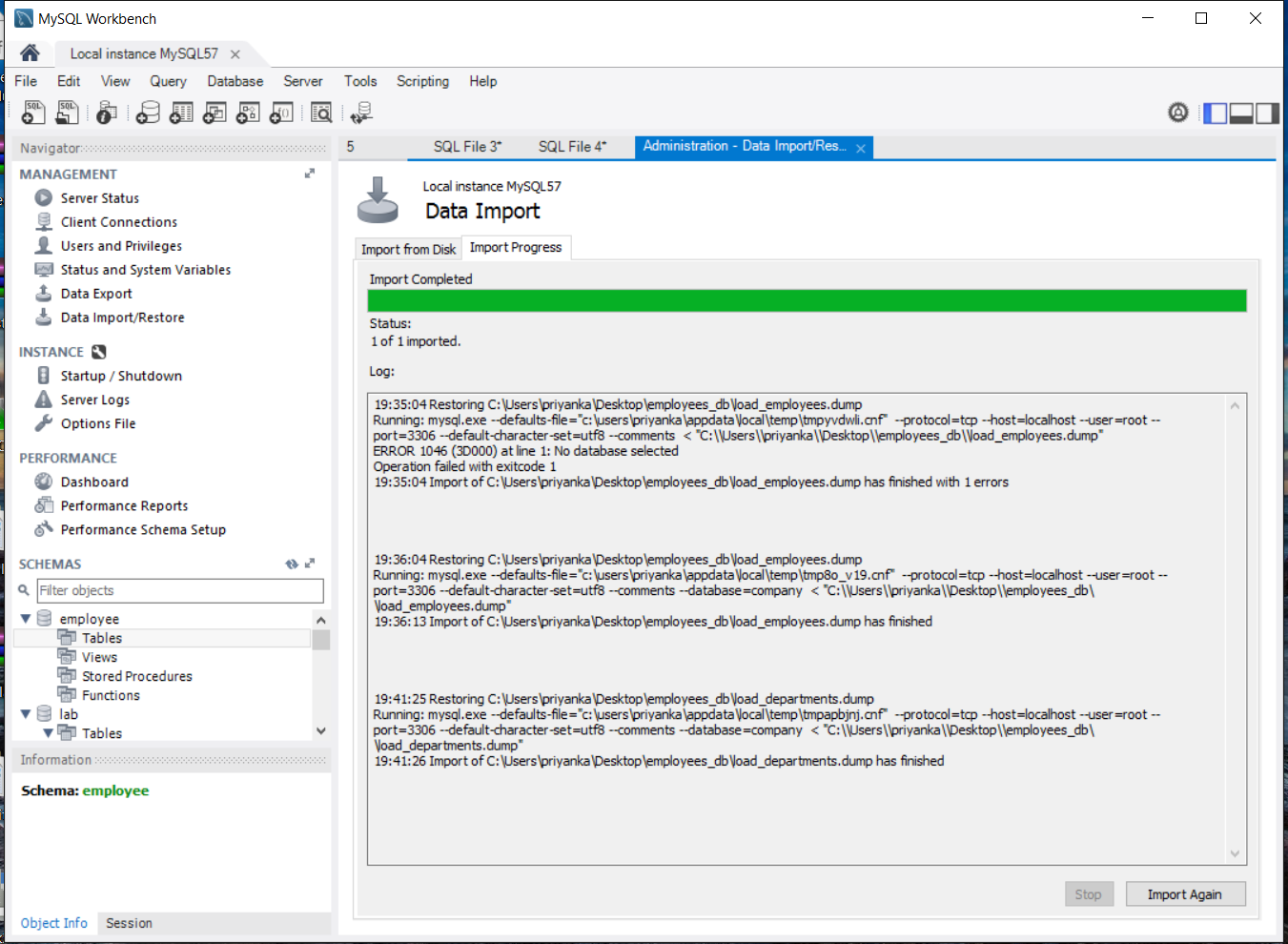
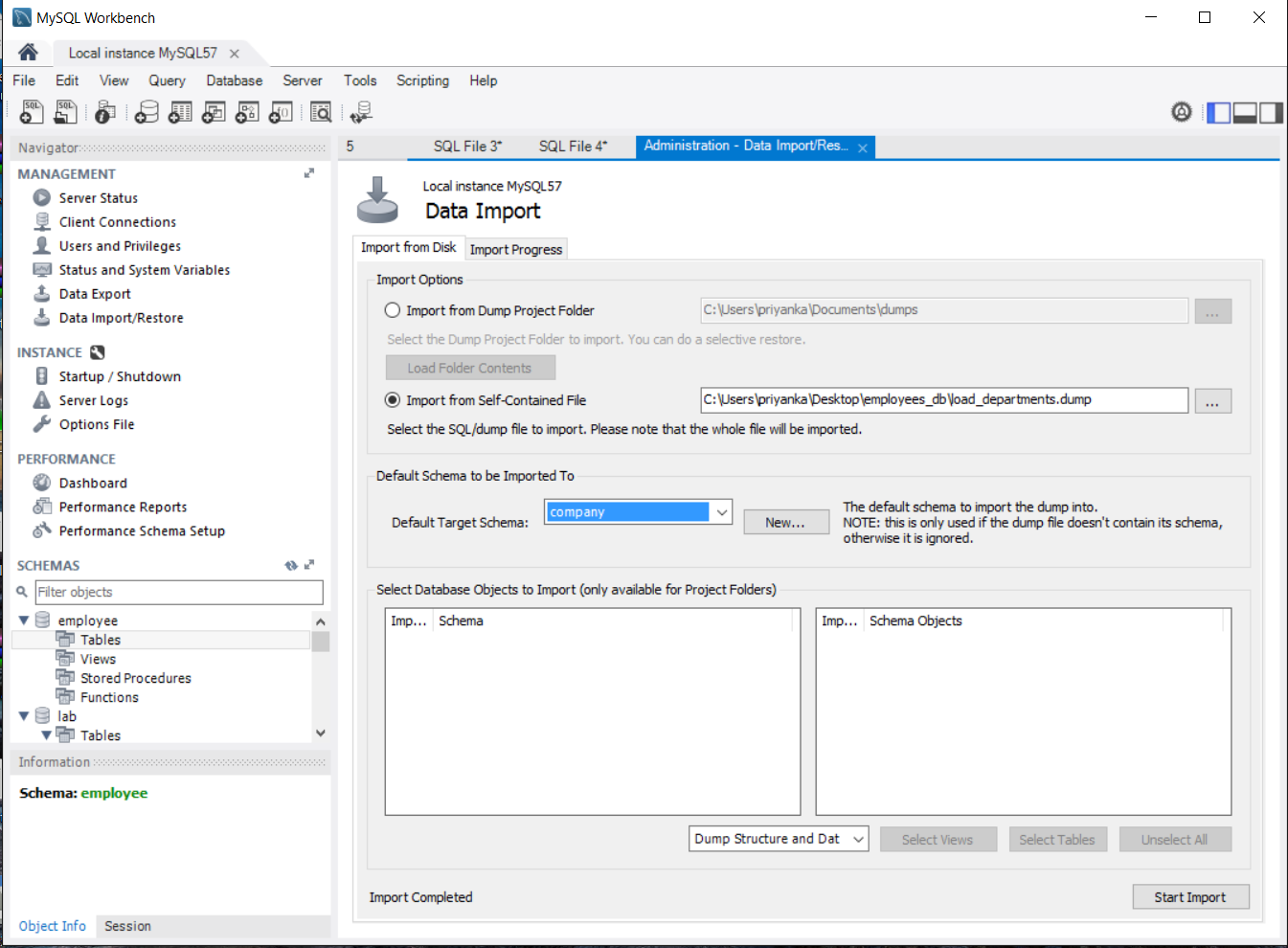
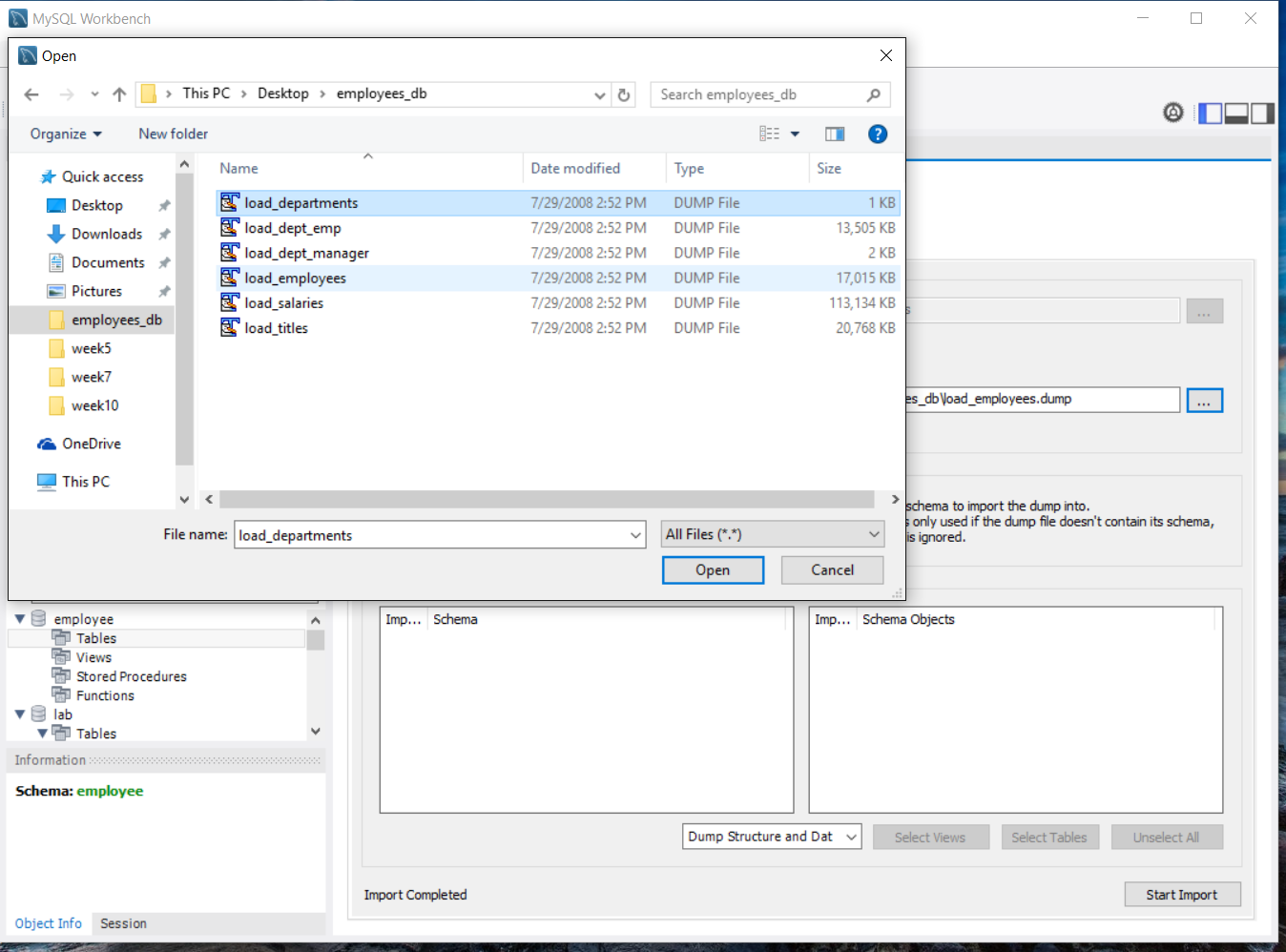
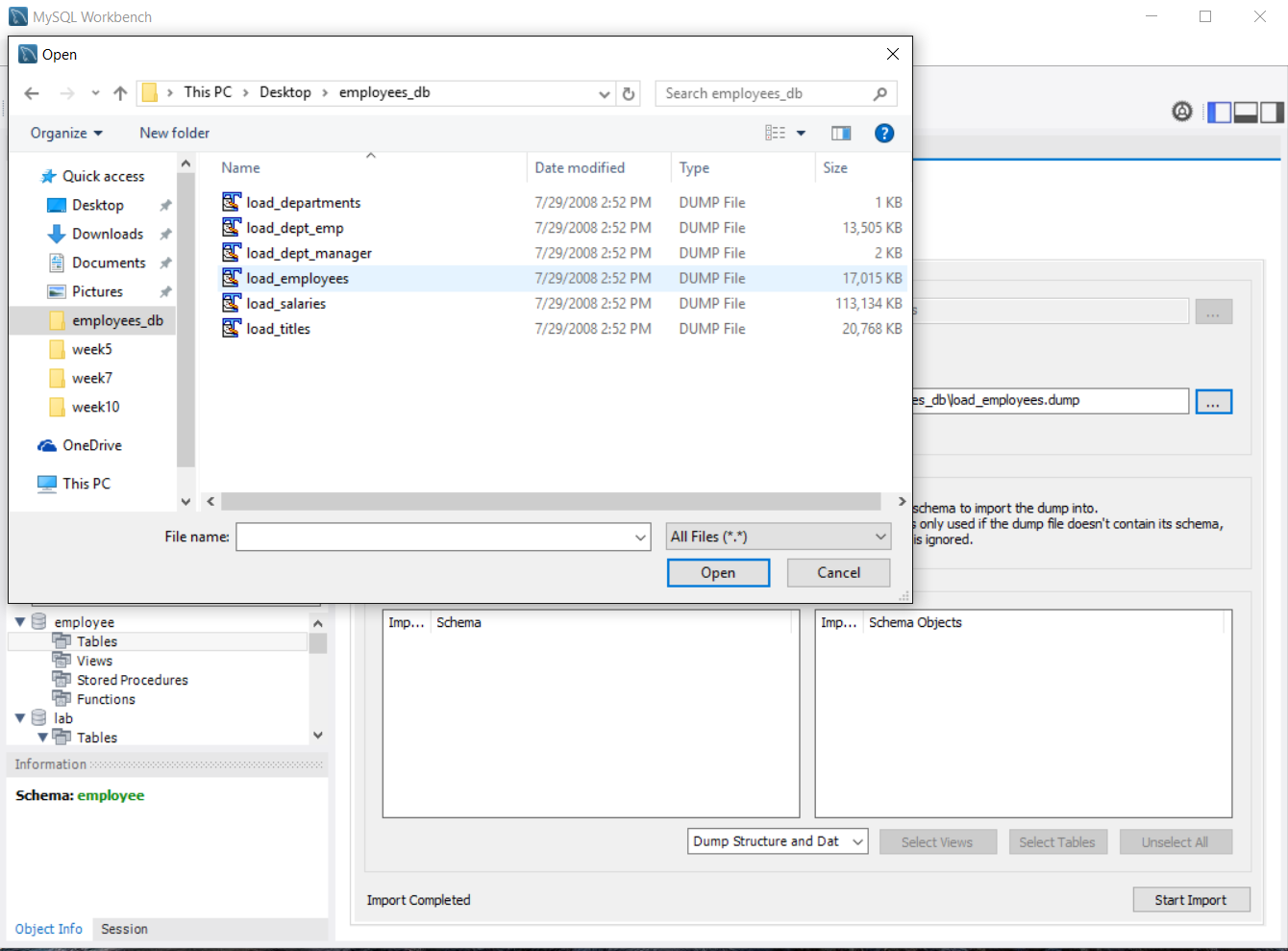
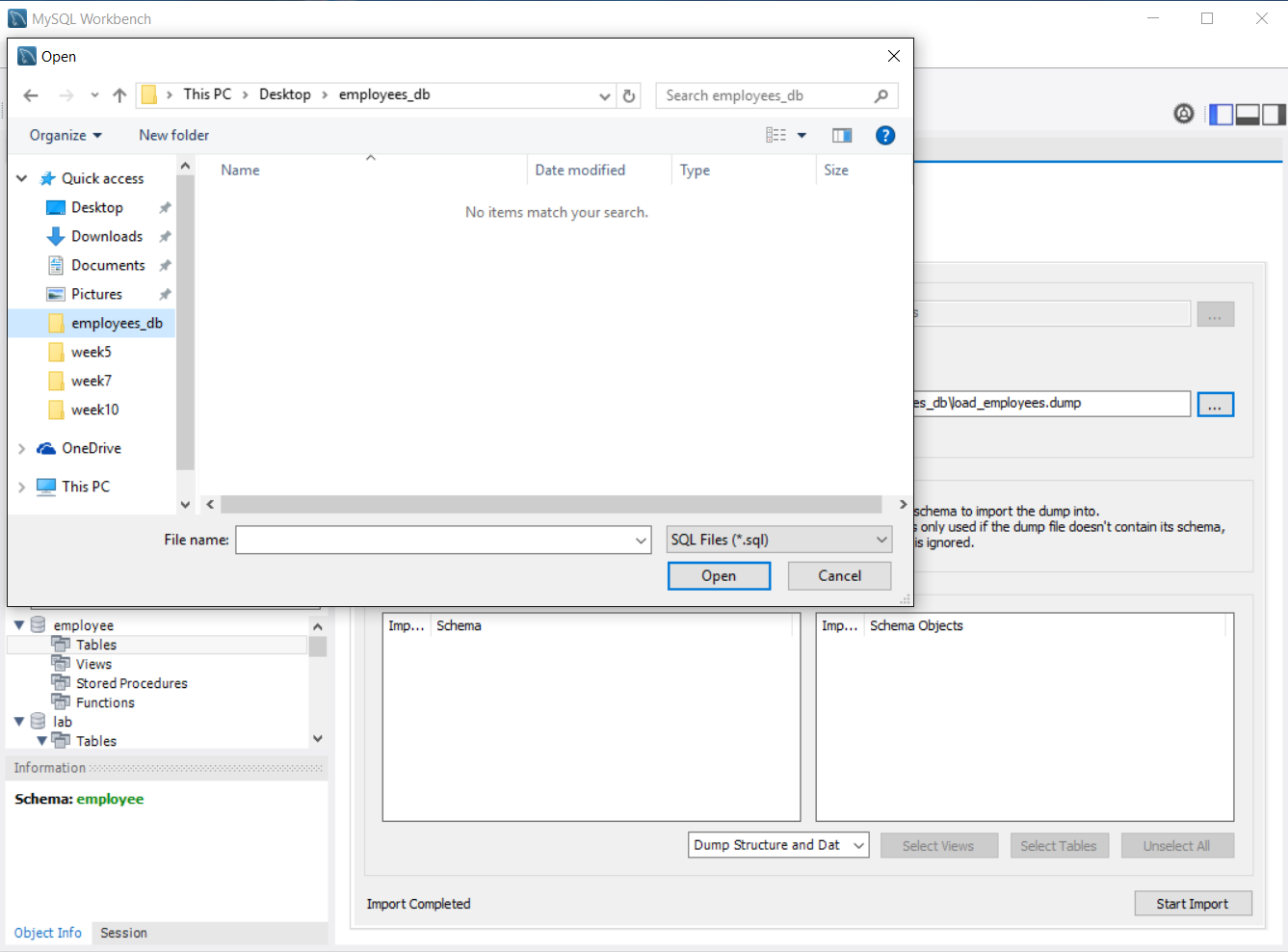
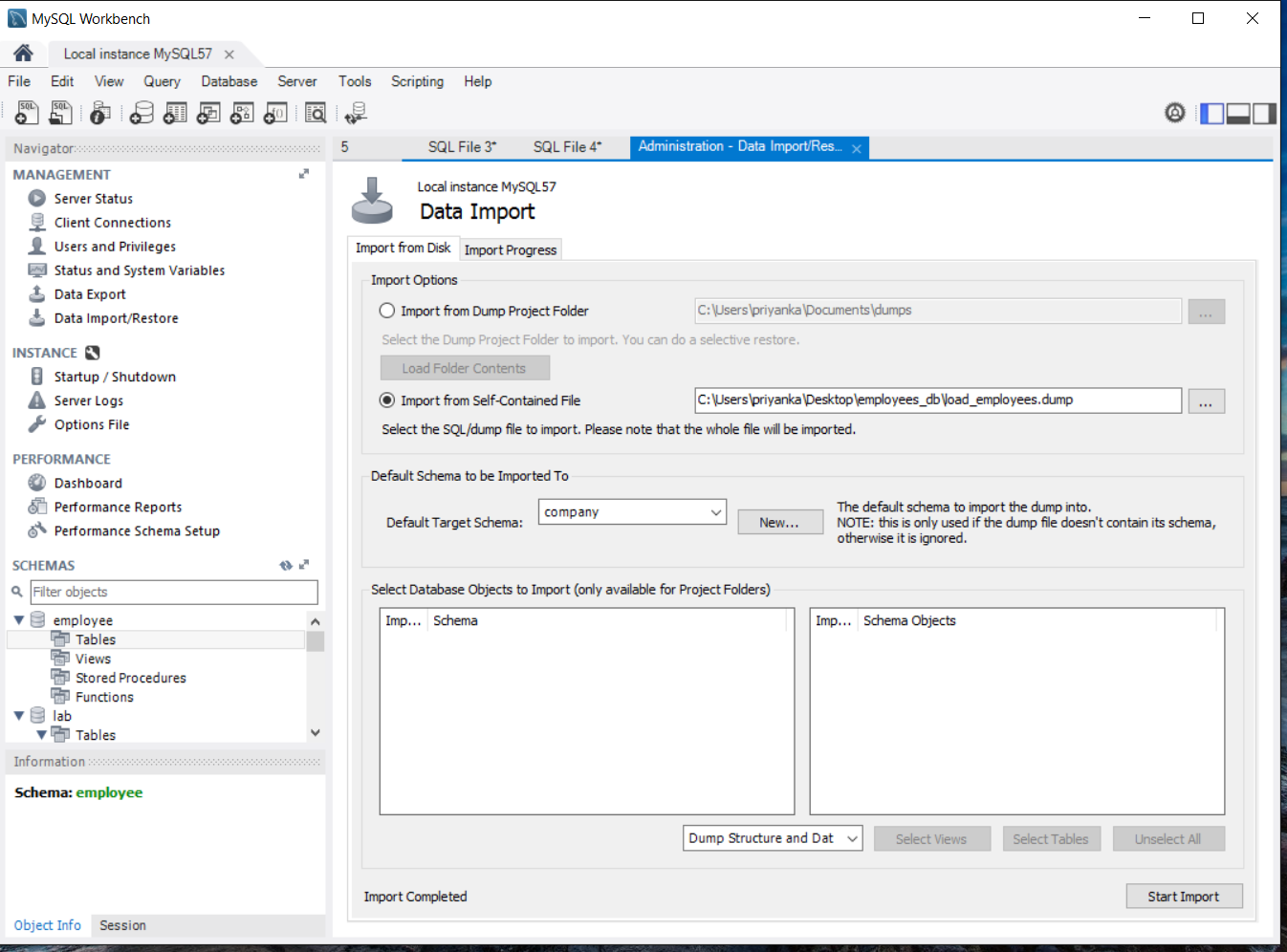


create table salaries(emp\_no int not null, salary int not null, from\_date date not null, to\_date date not null, foreign key(emp\_no) references employees(emp\_no) on delete cascade, primary key(emp\_no, from\_date));

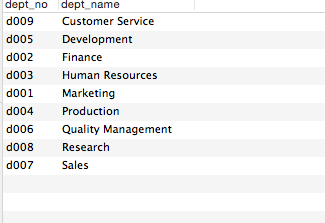
describe salaries;



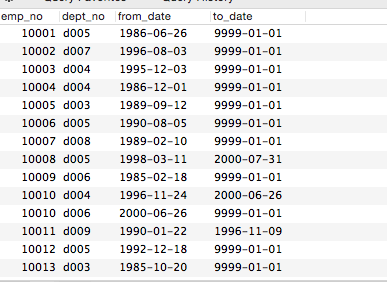
**Importing data to database:**



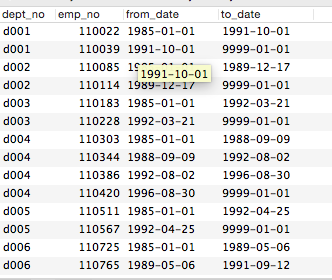
select \* from departments;



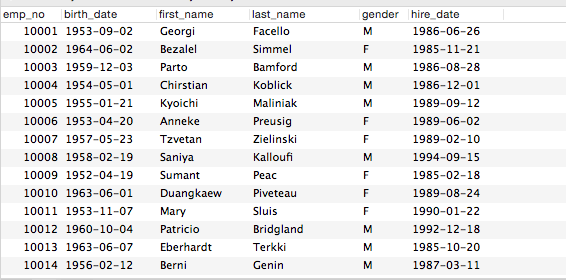
select \* from dept\_emp;



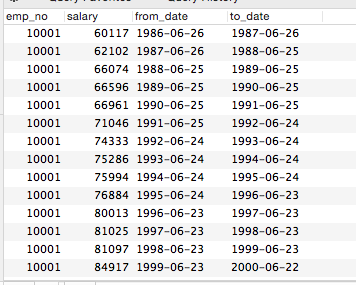
select \* from dept\_manager;



select \* from employees;



select \* from salaries;



select \* from titles;

