



Homework 2

cs329e Elements of Biological Data Models
Created on 2/2/07
Version: 1.1

Assigned: 2/2/07

Due: 5:00 PM, 2/6/07, by email to the T.A. (rmao@cs.utexas.edu)

Reading: Text to page 40. (last assigned section is titled “Design pattern: many-to-many (order entry)”

Problem 1 and 2. For the two problems from homework 1,

- Draw the data model into Rational Rose,
 - you may use your homework solution, or the posted solution
- Have the tool generate the SQL representation of the data model
 - this will require you to guide the Rose software through the two steps
 - “create a data model”
 - “forward engineer”
 - In class we discussed SQL queries as Select/From/Where statements. The code the Rose will generate comprising create table and related statements is often referred to as SQL data description language or DDL.
- Turn in,
 - A screen shot of your model.
 - The SQL DDL Rose generated from your model.