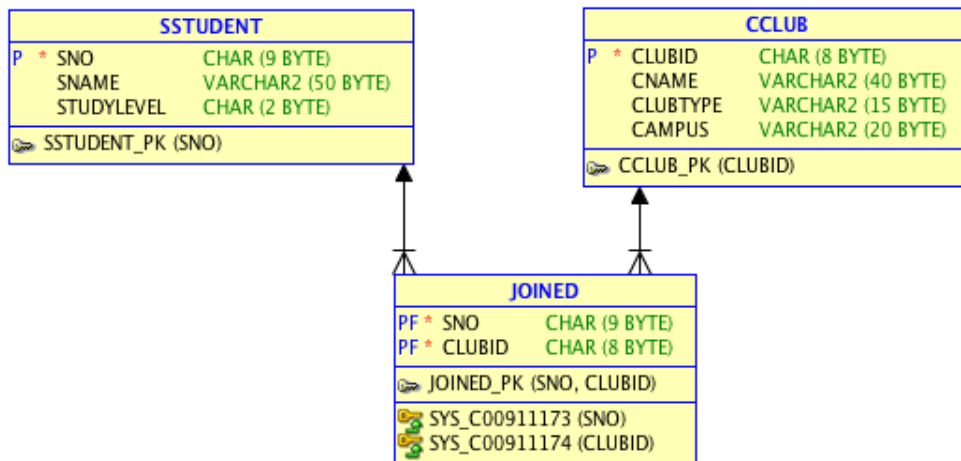


Programming practice

Before you attempt this exercise, make sure you understand the presentation 'Beginning Programming', and review the tutorial from the same week.

Use the following tables. As you are going to manipulate the data, you need to either own them or have INSERT / UPDATE privileges, so either create them in your REDWOOD account, or use a schema on your own server.



Do the following:

1. On your server, if you don't already have one, create a new user for the corner shop. Run the SetupCornerShop.sql to create and populate the tables. Upload and run the code from the programming tutorial to get used to how it works.
2. Write programs to accept a student's name from the user and display their student number.
3. Create a sequence called studentseq that will auto increment from 10000 up.
4. Write a program to accept a student's name and study level (UG/PG) from the user and add a new student, using C17 concatenated with a new student number generated from studentseq.
5. Write a program to accept a student name (SNAME) and a club name (CNAME) and if the student has not yet joined the club, insert a new row in JOINED, joining the student to the club.