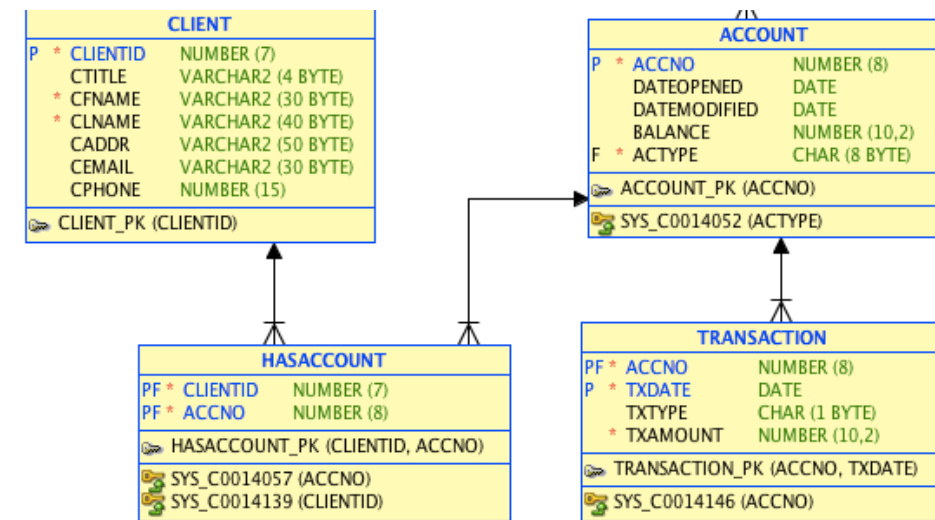


## Programming practice

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. Download and run the 'Create and populate bank tables' link from week 2 to create and populate the tables. Upload and run the code from the programming tutorial to get used to how it works.  
THERE WILL BE MARKS GOING FOR THIS NEXT WEEK!!!
2. Write program to accept a client's last name from the user and display their clientid. (0.5 marks)
3. Create a sequence called clientseq that will auto increment from 10000 up. (0.5 marks for 2 and 3)
4. Write a program to accept a client's first and last name from the user and add a new client, using the new client number generated from clientseq. (0.5 marks)
5. Write a program to accept a client's first and last name and an account number and if the client is not already joined to that account, insert a new row in HAS\_ACCOUNT, joining the client to the account. (0.5 marks)