

RelaX Exercise

In this exercise we will get some experience with the RelaX, the relational algebra calculator. The SE 385 web site has a link to the calculator and the help document. We should have had a look at this site in class as well.

The first thing you should do is choose the UBIK – R. S. T data on the left-hand side of the page. When you do you should see the schema, which includes 3 relations, R, S and T.

To hand the results in you should send the instructor email. For each action copy the final query into the email and the results.

1. Use projection to remove the b fields from R.
2. Use selection to remove from S values that are larger than 250.
3. Cross T and S, then eliminate any d fields that are not equal. Eliminate one of the d columns.
4. Intersect the S and T tables.
5. Join R and T on the b field.