Note/Reminder on Joining More Than 2 Tables

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Recall that each join needs a join condition -- for example:

As we have mentioned a few times in class, you can join any number of relations -- as long as you make sure, when joining N relations, that you have N-1 join conditions!

Because empl has a foreign key dept num referencing dept,

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and cust has a foreign key empl repreferencing empl (empl num),
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you can project a customer's last name, the last name of the employee helping them, and the name of that employee's department using:

Oddly enough, using the ANSI-join style, the order of the JOINs is less sensitive than I expected -- this also works!:

BUT -- that said, there are SOME ordering requirements; this ordering did NOT work when I tried it:

...SO it does appear that the first table appearing MIGHT need to be involved in the FIRST join condition.