Selef Join : a table which is joined by the same table is called self join. Here we have 2 alias names.

Outer Join : it displays full data from one table and matched data from second table based on filter condition(where) and outer join keyword.

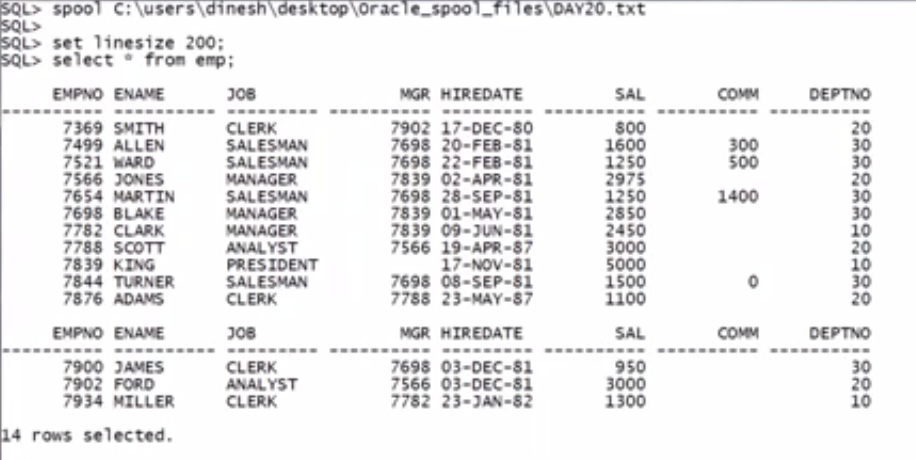
Equi join display matched data from multiple tables.

Full outer join never display invalid combination.

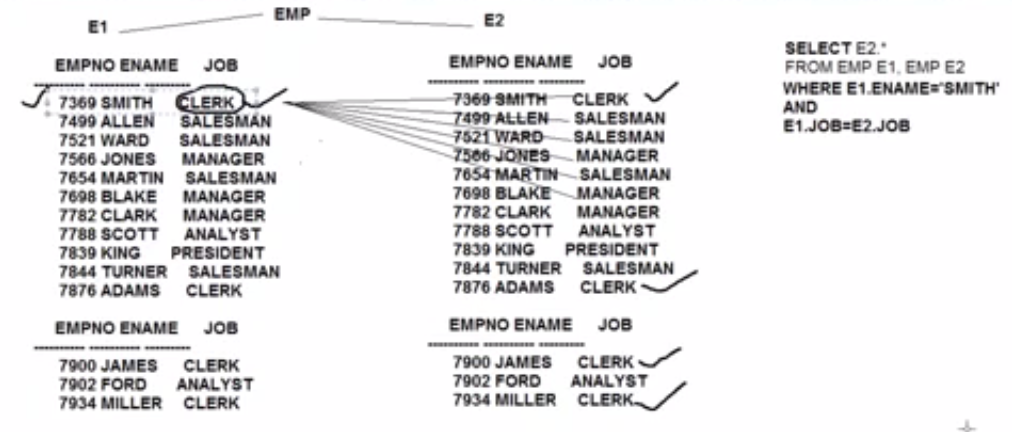
But cross join display invalid data and valid data.

In where clause if we have multiple conditions then

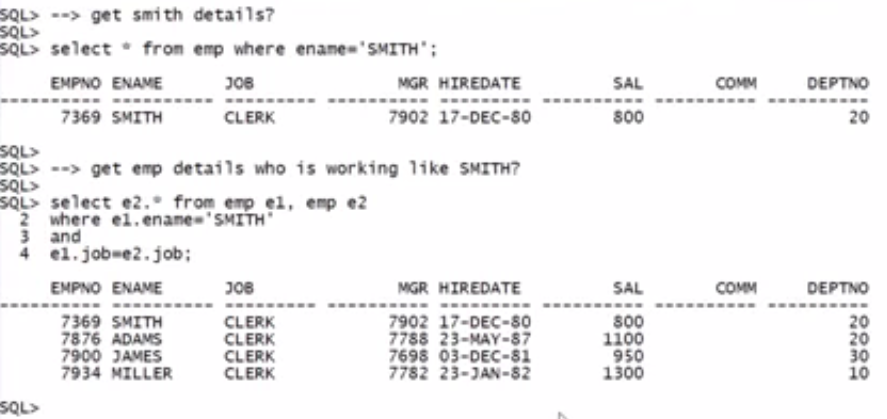
1st verifies the first condition and based on the result given by 1st condition , on the generated output only the 2nd condition will be verified and so on.



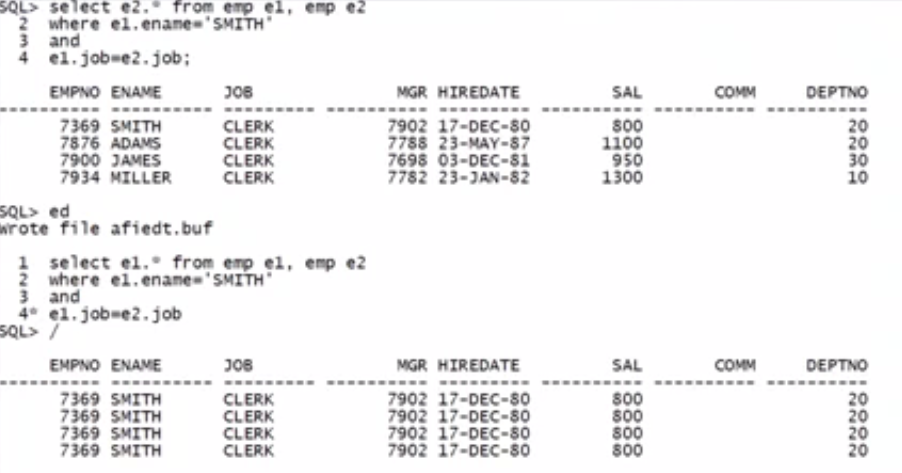


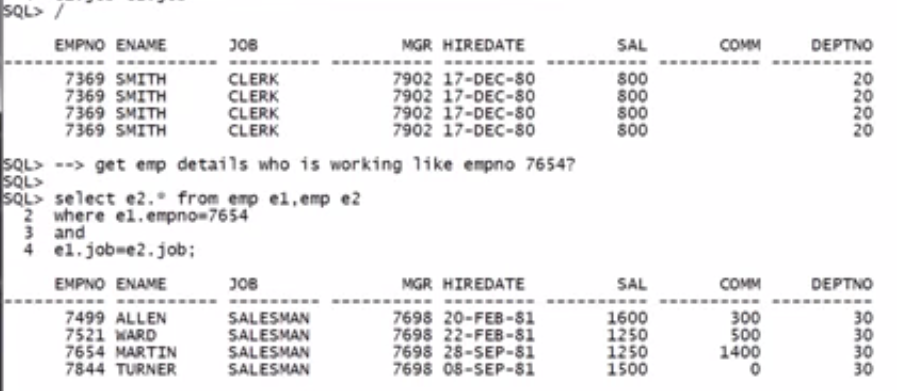


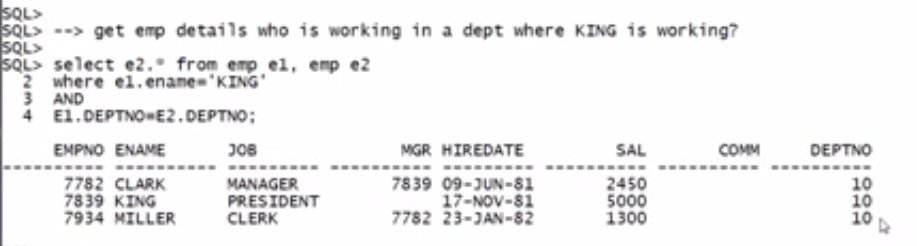


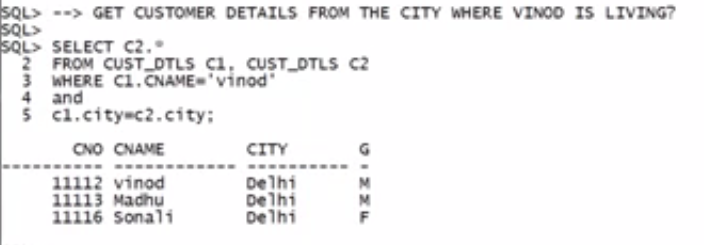


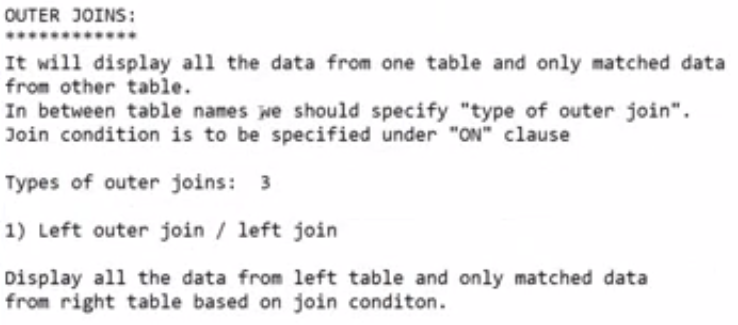
If we get output from 1st alias name then we get duplicate data as following.





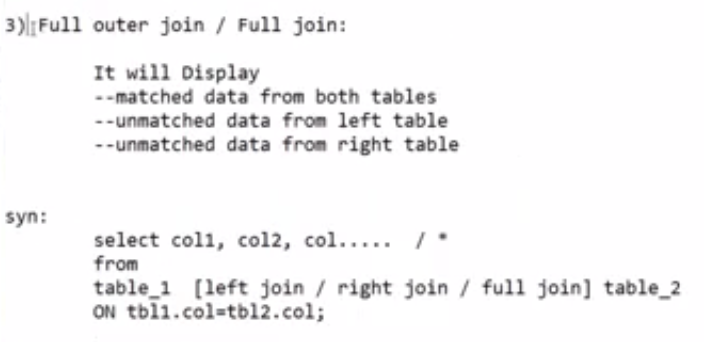






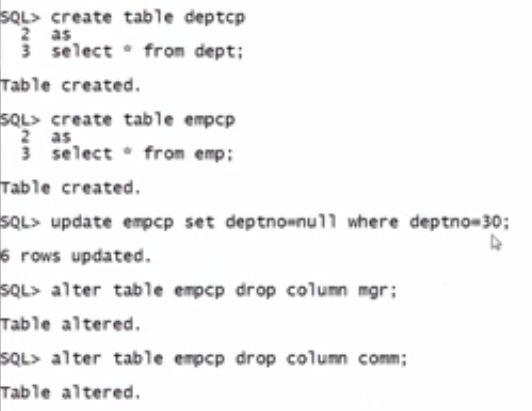
Equi join display matched data from multiple tables.

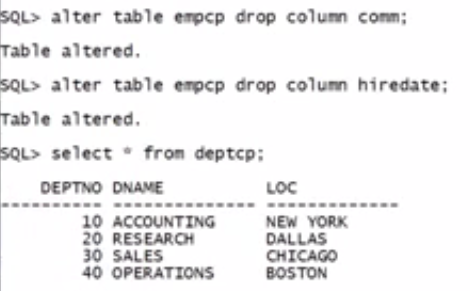


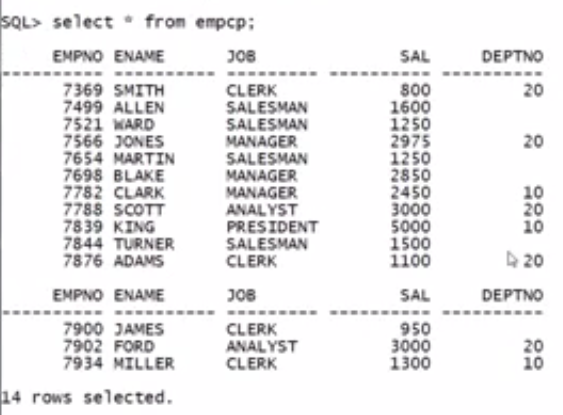


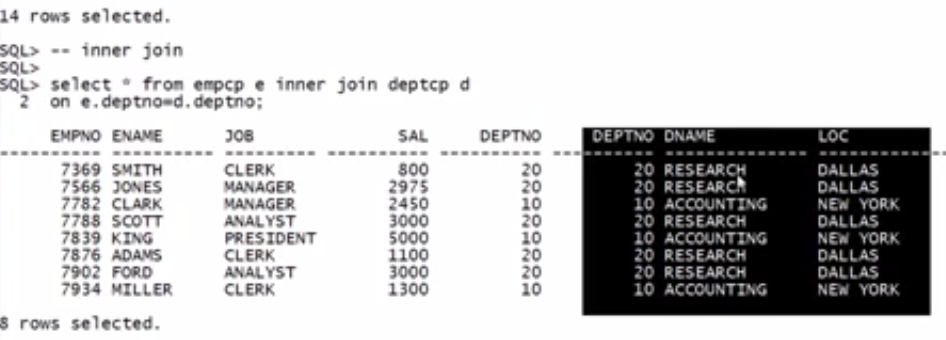


Full outer join will not display duplicate data.

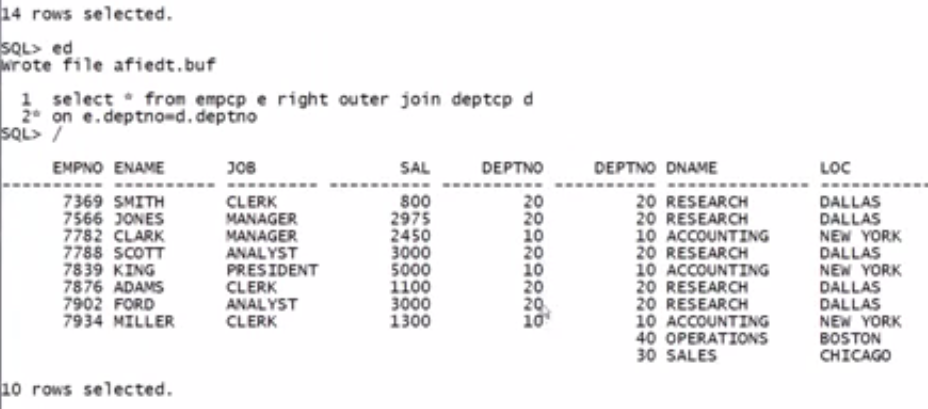


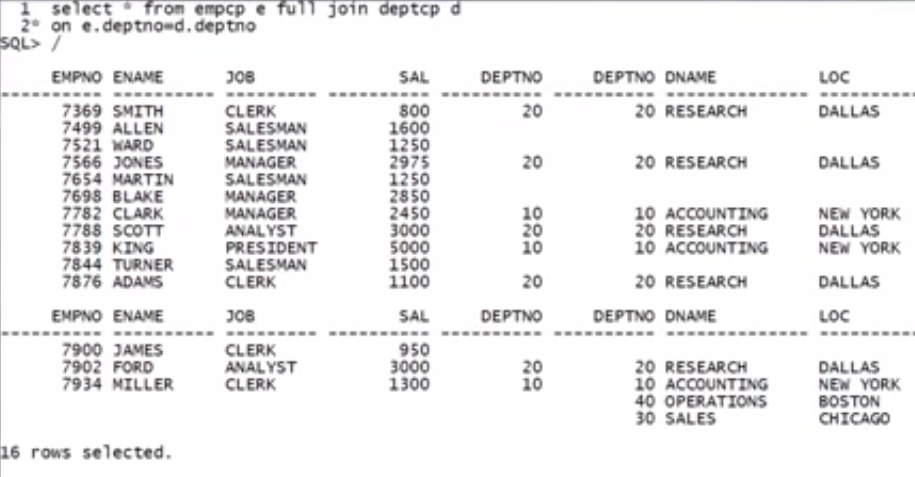






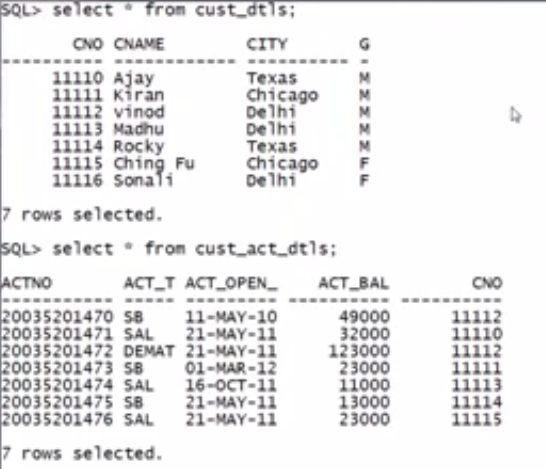


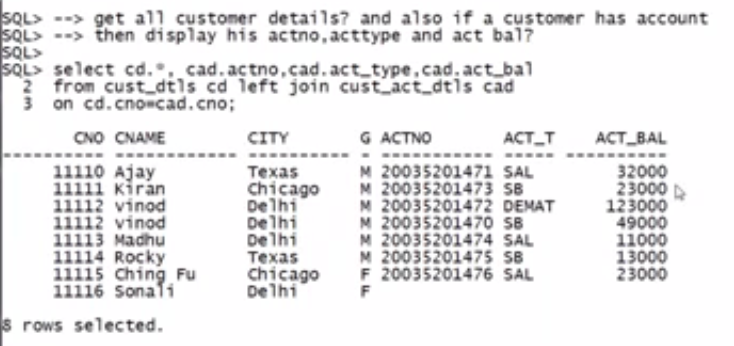


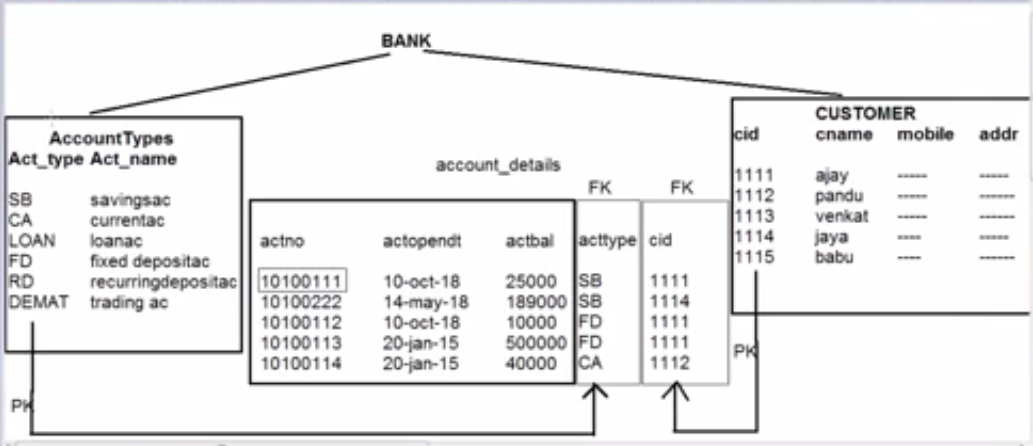


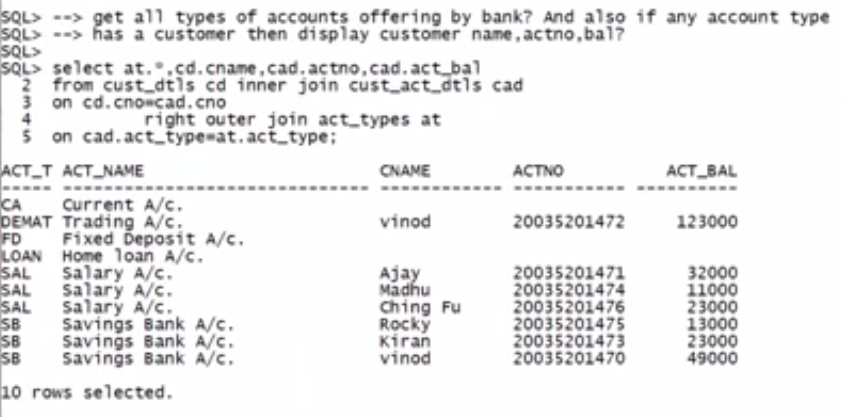
Full outer join never display invalid combination.

But cross join display invalid data and valid data.









Need more practice on joins.