

1. Insert the following tuples into the “woman” table.



2. Insert the following tuples into the “man” table.

3. All the following questions must use INNER JOINS.

a. Select the marriages.

b. Select the marriages using NATURAL JOIN.

c. Select the marriages using JOIN...USING.

d. Select the marriages using JOIN...ON.

e. Using a Cartesian product, simulate all possible marriages.

There are two correct ways to answer this question – perform both.

4. All the following questions must use OUTER JOINS.

f. Select the marriages; if there are men who are not married, they must also be shown.

g. Select the marriages; if there are women who are not married, they must also be shown.

h. Besides the (+) symbol, an OUTER JOIN can be performed using NATURAL OUTER JOIN, OUTER JOIN...USING, and OUTER JOIN...ON.

Select the marriages and all men who are not married.

i. Select the marriages and all women even if they are not married.

j. Redo queries (c) and (d) using OUTER JOIN...USING and OUTER JOIN...ON.

k. Select all marriages, and if there are neither married men nor married women, they must also be shown.

**l. Redo the previous query (f) using OUTER JOIN...USING and OUTER JOIN...ON.  
Note that the (+) symbol cannot be used.**