Exercise 10: Apriori algorithm

Given a transaction database:

{bread milk butter beer}
{bread butter water jam beer}
{beer diapers bread butter jam}
{butter milk juice}
{diapers beer juice water}

1. For minimal support 0.6 find all frequent itemsets
2. For minimal confidence 0.7 find association rules of the form
   item1 \rightarrow \{item2, item3\}
3. How many certain association rules can you find? (with confidence 1.0)