HW7 (Data Mining) Due on April 6 at 11:55 PM

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| **Trans ID** | **Items Purchased** |
| 101 | milk, bread, eggs |
| 102 | milk, juice |
| 103 | juice, butter |
| 104 | milk, bread, eggs |
| 105 | coffee, eggs |
| 106 | coffee |
| 107 | coffee, juice |
| 108 | milk, bread, cookies, eggs |
| 109 | cookies, butter |
| 110 | milk, bread |

1. Apply the Apriori algorithm to the following data set.

The set of items is {milk, bread, cookies, eggs, butter, coffee, juice}. Use 0.2 for the minimum support value.

1. Show two rules that have a confidence of 0.7 or greater for an itemset containing three items from question 1.