Association rule mining

The following is an example of customer purchase transaction data set.

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| **TID** | **Date** | **Items Purchased** |
| 1 | 01/01/2001 | 10,20 |
| 2 | 01/02/2001 | 10,30,50,70 |
| 3 | 01/03/2001 | 10,20,30,40 |
| 4 | 01/04/2001 | 10,30,60,70 |
| 5 | 01/05/2001 | 10,50,70 |
| 6 | 01/05/2001 | 10,20,30 |
| 7 | 01/06/2001 | 20,40,60 |
| 8 | 01/11/2001 | 10,20,30,60 |

Compute the frequent item set using Apriori algorithm. Consider a minimum support count of 3.