**Homework 2. Mining frequent patterns and Association Rules**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **i1** | **i2** | **i3** | **i4** | **i5** | **i6** | **i7** | **i8** |
| **T1** | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| **T2** | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| **T3** | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| **T4** | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| **T5** | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| **T6** | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |

1. Find frequent patterns at **minsupp=0,3**
2. Find max-patterns at **minsupp=0,3**
3. Find all of the association rules (**minsupp=0,3** and **minconf=1)** that came from max-patterns in question b.