1. Implement FP Growth algorithm for the given dataset and find the frequent item set. Consider the support for this 30%.

|  |  |
| --- | --- |
| * TID | * List of Items ID’s |
| * T1 | * I1, I2, I5 |
| * T2 | * I2, I4 |
| * T3 | * I2, I3 |
| * T4 | * I1, I2, I4 |
| * T5 | * I1, I3 |
| * T6 | * I2, I3 |
| * T7 | * I1, I3 |
| * T8 | * I1, I2, I3, I5 |
| * T9 | * I1, I2, I3 |

2. Show the implementation of the FP growth algorithm using the link list and adjacency matrix. Consider the same dataset.