```
\begin{array}{c|cccc} v_1: & & & & \\ v_2: & < v_1, 1>, < v_3, 1>, < v_5, 1> \\ v_3: & < v_1, 2>, < v_2, 1> \\ v_4: & < v_8, 2> \\ v_5: & < v_2, 2>, < v_3, 2>, < v_4, 2>, < v_6, 2>, < v_7, 1> \\ v_6: & < v_5, 2> \\ v_7: & < v_4, 1>, < v_6, 1>, < v_8, 1> \\ v_8: & \end{array}
```