**EXPERIMENT 6**

**Aim:** Implementation of Association Rule technique on ARFF files using WEKA.

**Theory:** This experiment illustrates some of the basic elements of association rule mining using WEKA.

The sample dataset used for this example is contactlenses.arff

**Step 1:** Open the data file in Weka Explorer. It is presumed that the required data fields have been discretized. In this example it is age attribute.

**Step 2:** Clicking on the associate tab will bring up the interface for association rule algorithm.

**Step 3:** We will use apriori algorithm. This is the default algorithm.

**Step 4:** In order to change the parameters for the run (example support, confidence etc) we click on the text box immediately to the right of the choose button.

The following screenshot shows the association rules that were generated when apriori algorithm is applied on the given dataset.

**Dataset contactlenses.arff**



