MM Text Assignment - Chapter 6: A Closer Look at Machines That Learn

Using my semantic network and my loosely coupled Q&A lists for **Chapter 3 "AI Spring"** as a model, do the following three things based on a careful reading of **Chapter 6 "A Closer Look at Machines That Learn"**:

1. Draw a **semantic network** with exactly 24 nodes that captures what you believe to be the most salient bits of knowledge presented in the chapter. Please provide a meaningful **token** within each node to signify the concept represented by the node. Do your best to connect the nodes in a meaningful fashion with a **token** on each directed arc to signify the relation that the arc represents. If a token is not sufficiently meaninful at a glance to appreciate what it is referencing, please make a "dictionary entry" for it after the net.
2. Write a list of **10 meaningful pairs of questions**. Arrange for the first question of a pair to be such that it reasonably be answered based on knowledge captured by your network. Arrange for the second question of a pair to be related to the first, but such that its answer in not found in the network, but is found in the chapter – or occasionally by a quick Google search.
3. Write a corresponding list of **10 answer pairs**, which provide answers to the question pairs that you posed.

Please place each of these three items on a separate document of one **pdf** file. The script for sharing your Chapter 4 work will be this:

1. Post the document to your web work site prior to class on **Friday, March 19**.
2. On Friday, March 19rd, please give us a quiz by presenting your network for us to view, and asking us five of your question pairs, one pair at a time, one question in each pair at a time. We will do our best to answer. You will do your best to assure the quality of our responses.

No need to go out of your way to make your questions "tricky". Rather, strive to formulate questions of significance.