1. (50 pts.) Do Exercise 2.9.

2. (50 pts.) Suppose in Exercise 2.9, there is no hypothesis that is consistent with the training examples. Propose an algorithm to find the most accurate hypothesis on the training examples. This algorithm should be efficient when the best hypothesis is “easy” to find. Briefly illustrate your algorithm on the 14 examples in the lecture notes. If you can’t think of an algorithm, instead briefly describe why it is difficult to design an efficient one.