MA515 HOMEWORK #9
Due Wednesday, November 14

1. Exercise (Shortcut), p. 95.

2. Exercise (Scheduling), p. 99.

3. Exercise (Intersection of three matroid polytopes), p. 106.

4. We know that the max cardinality bipartite matching problem can be recast and solved as a matroid intersection problem. Interpret the matroid intersection algorithm in this context to describe the algorithm directly in terms of actions on the original bipartite graph. (We will discuss this a bit in class).