More NP-Completeness Proofs

In the March 25th lecture, we proved that Clique, Vertex Cover, and Hamilton Cycles are NP-complete. The cdefinitions of these problems and the proofs they are NP-complete can be found in Section 34.5 of Cormen(the introduction and sections 34.5.1-34.5.3). We had already noted that Hamilton cycle reduces to TSP which allows us to prove the TSP Decision problem is NP-complete, see Section 34.5.4 of Cormen.