Lecture #16: Proofs of Undecidability — Examples I Questions for Review

While lectures before this gave information needed to solve simple problems involving many-one reductions, which might be suitable as questions on *tests*, this lecture focused on somewhat more complicated problems that might be suitable as questions on *assignments*, instead.

1. Describe a characteristic or feature of the kind of problem that is now being considered, that can simplify the job of developing a many-one reduction that is needed to solve this problem.
2. Suppose that the problem you are solving has the characteristic, or feature, that you have now described. How would you would break the problem of "developing the many-one reduction that you need" down into a (short) series of (still, rather long) steps that could be considered, one at a time, to make this somewhat less confusing and overwhelming than it would be, otherwise?