Question 1. [100 points]
Some time between now and the Sept. 30 class, you must see Mohammad during his office hours (or if his office hours are a conflict for you, right away make an appointment with him to do this at some other time and make that time as soon as possible for the reasons implicit below). During that meeting he will ask you to solve, right there, one or more reduction problems (regarding building reductions and proving them to actually be valid reductions between the problems involved). If you get a problem wrong, he’ll help you understand why your answer was wrong, and to find your way to a right answer with his help. And (unless time has run out in that office hour session or separate meeting) will give you another, so that you can try to do problems correctly without his help. When he sees you do one or two problems totally correctly right there live in person and without his help, he will assign you a 100% on this take-home quiz. If during the first time you come you don’t get to that stage, then do visit him again. You can keep doing this until you get it right—or until we reach the Sept. 30 class session. Anyone who didn’t get a 100% on this before the Sept. 30 class session will be assigned a 0.0% (if you never showed up) or a 0.1% (if you showed up but didn’t ever achieve a 100%).

Mohammad will record a 100% in BB ideally right when you earn it. But, just so that you have a record if there is some confusion later, so you can ask for a correction within the 48-hour window following the 9/30 class, please write your name at the of the page, and have Mohammad initial here and put the date/time/and 100% score you got, right when he gives you a 100% score:

MH’s initial-ing or signature/date/time/100% (all go on this line, after you succeed on this quiz; but you can then KEEP this sheet... he will himself add your grade to BB)