

CS 491/591 Security and Privacy Spring 2010 Lab 3a

This is worth 20 points of the 100 points for lab 3. The grade will be based on *completeness* of your raw results.

Due as a hard copy at the start of class at 1pm on Wednesday, 10 March. You may turn your hard copy in to the proctor at one of the ITV branch classrooms, or you can scan it and email it to me before 1pm on the 10th. In any case, your submission must be hand written in your own handwriting.

The one form of cheating that will not be tolerated is using a computer program to produce your results. You may not write any code in any programming language for any part of lab 3a, if you do so this will constitute cheating and you'll receive 0 points for this part of lab 3. Beyond this constraint, your grade on the lab will be based solely on the completeness of your results (meaning that you produced a string of one hundred 1's and 0's and one hundred and ninety decimal digits).

You may not use late days for this assignment. The grad student who will transcribe the results is leaving town for spring break, so I need the results on Wednesday. I will not give any further instruction, do not email me with questions about this lab 3a, just complete the assignment and turn it in on Wednesday. The lab has two parts, your results for each should be hand-written on one side of a single page, with your name at the top.

Part 1: Flip a coin (can be a penny, nickel, dime, or quarter, but not a foreign coin) 100 times and write the result as 0 for heads and 1 for tails. Your results, to be complete, should be a string of one hundred 1's and 0's. Keep a separate record for yourself (not to be turned in to me) of what type of coin you used.

Part 2: Go to Google Maps and search for "restaurants near X in albuquerque nm", where X is your favorite restaurant in Albuquerque. For all 190 results that Google gives you (you'll have to click through 19 pages of results), write down the last digit of the street address. Your results, to be complete, should be a string of one hundred and ninety decimal digits (between 0 and 9). Write down the restaurant that you used for X for your own records (not to be turned in to me). X must be a restaurant in Albuquerque. These results must be in the exact order that Google gives them to you in. Sometimes Google only gives one result (which is X), so you need to click "See all ... results for ...". Google will claim to give you more than 190 results, but it will only let you click through to 190, there is no actual page 20.

What matters is the aggregate results combined for all students in the class, so please write neatly so that one of my graduate students can transcribe your results. The hand-written requirement is only to discourage you from using a computer program to generate the results.