

Assignment 1

0 pts

This assignment has three parts. You must complete all three parts, then fill out and sign the second page of this assignment. Turn in the filled out and signed second page to your instructor or one of your TAs by **4 P.M. on October 3**. *You must present your student ID card when you turn in this assignment.* This assignment is worth no points, however, all assignments will be considered late until this assignment is submitted to one of your TAs in person (with student ID). Note that you are also debited late days (see Section 5 of the Syllabus) if your assignment is late.

1 UCSD Policy on Integrity of Scholarship

Read and understand the UCSD Policy on academic integrity, which can be found at:

<http://academicintegrity.ucsd.edu>

Cheating will not be tolerated. Administrative and academic sanctions will be pursued to their fullest extent for students found cheating.

2 Computer Security Laws and Ethics

Computer security involves techniques that can be easily used in an illegal or unethical manner. Therefore, computer security researchers and practitioners must take special care to ensure their actions do not violate the law or cause harm to others. You should understand the main points of the following laws, which we will also cover in class later in the course:

1. The Computer Fraud and Abuse Act (18 U.S. Code § 1030).
2. The Digital Millennium Copyright Act (multiple sections of U.S. Code).
3. United States wiretapping law (18 U.S. Code §§ 2510–2522).

3 PGP Key

The last part of your assignment is to generate a PGP key which you will use to sign all your assignments. We recommend using GNU Privacy Guard (GPG), however, you may use any OpenPGP-compatible software. An excellent guide to using GPG can be found at:

<https://www.gnupg.org/documentation/guides.html>

We strongly recommend encrypting your private key with a password and storing it securely. After you have generated your key, write your public key fingerprint on the space provided on the second page. Then hand it in to your instructor or TAs. *You must present your student ID to the TA or instructor when you hand in this assignment.* Finally, email the public key to `cs127f1@ieng6.ucsd.edu` using the “ASCII” format. You may encrypt your public key file to the `cs127f1@ieng6.ucsd.edu` key.

Assignment 1

I, _____, affirm that:
(print name)

1. I understand the UCSD Policy on Integrity of Scholarship and will abide by it.
2. I will not use the what I learn in this class to break the law or to harm others.
3. My PGP public key fingerprint is:

(40 hexadecimal digits)

(sign)

(date)