**Pre-Study Questionnaire**

**Demographic Information:**

1) **What year are you?**
   - Freshman
   - Sophomore
   - Junior
   - Senior
   - Grad
   - other

2) **Circle all classes you have taken.**
   - Object Oriented Design
   - Systems Programming Concepts
   - OS
   - Distributed/Networks/Computer architecture
   - Soft Eng/OOAD
   - Databases
   - Algorithms
   - Foundations/Theory/Languages
   - AI
   - Graphics/Animation
   - Soft. Security Eng

3) **How much security background do you have?**
   - None
   - A Little
   - Some
   - A Lot

4) **Please list security experiences/classes/jobs.**

5) **How interested are you in security?**
   - Not Interested
   - Somewhat Interested
   - Interested
   - Very Interested

6) **Do you plan to pursue opportunities to learn about security?**
   - No
   - Maybe
   - Yes
Technical Questions:

1) If you are trying to gain unauthorized access over a network to a remote system, which of the following would you do first?
   a. Identify open ports and running processes on the remote system
   b. Launch a denial of service attack to try and disrupt the system
   c. Search online for vulnerabilities in their running processes
   d. Use a buffer overflow attack to gain access

2) What are two different useful tools for scanning remote systems?

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3) Circle all the things you CANNOT learn when scanning a remote system.
   a. The passwords of some of the users
   b. If the system is “alive,” or running and connected to the network
   c. Which ports are open on the target system
   d. What operating system is running on the system

4) Name two different types of vulnerabilities that can be created by programming mistakes.

5) Which of the following are typical effects of a buffer overflow? Circle ALL that apply.
   a. Segmentation fault
   b. Computer crash
   c. Executing arbitrary code
   d. Over-writing memory
   e. Shutdown ports

6) What can typically be accomplished using format string parameters? Circle ALL that apply.
   a. Read from memory
   b. Write to memory
   c. Shutdown ports
   d. Computer crash

7) What is a good indication that a program might contain a format string vulnerability?
   a. Text that the user entered is printed verbatim to the screen
   b. The user can input a very large string
   c. The program takes several command line arguments
   d. The program responds differently based on the user’s input