

# Network Security (Fall 2008) Homework 5

This homework is due at the beginning of class on 11/25, 2008.

1. Write a program with a buffer/stack overflow bug. Then design and implement an attack that exploits the bug. You need to submit the program and the attack code, with a description of how the program and the attack work. The program and the attack must run on a PC. The TA must be able to compile and run your program and then launch the attack.
2. Write a program with a heap overflow bug. Then design an attack that exploits the bug. You need to submit the program and the attack code, with a description of how the program and the attack work. The program and the attack must run on a PC. The TA must be able to compile and run your program and then launch the attack.