**CY5770 Software Vulnerabilities and Security**

**Instructor: Ziming Zhao  
Homework – 7**

**Hands-on Tasks.**

**Your username on http://cy5770-cacti.khoury.northeastern.edu: \_\_\_\_\_\_\_\_\_**

[9 points] Task 1: Capture the flag of **tester\_ascii\_int\_x80\_32**. Take screenshots. Explain your exploits briefly.

[9 points] Task 2: Capture the flag of **tester\_no\_stdin\_out\_err\_64**. Take screenshots. Explain your exploits briefly.

[9 points] Task 3: Capture the flag of **tester\_no\_syscall\_64**. Take screenshots. Explain your exploits briefly.

[9 points] Task 4: Capture the flag of **tester\_18\_bytes\_64**. Take screenshots. Explain your exploits briefly.

[9 points] Task 5: Capture the flag of **tester\_unique\_64**. Take screenshots. Explain your exploits briefly.