**CY5770 Software Vulnerabilities and Security**

**Instructor: Ziming Zhao  
Homework – 12**

[5] Run chunk\_sizes\_32 and chunk\_sizes\_64. Explain the outputs. The source code is in the slides.

[5] Run malloc\_chunks\_64. Explain the outputs. The source code is in the slides.

[5] Run tcache\_fastbin\_free. Explain the outputs. The source code is in the slides.

[10] Capture the flag of heapoverflow1\_64.

[10] Capture the flag of heapuaf1\_32.

[10] Capture the flag of heapuaf2\_32.