

Texas Tech University
A Course on Digital forensics
Memory Forensics
Module 2 – Assignment 1
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ASSIGNMENT-1

Perform the following steps. For each step, please get screenshots of your action, and paste them in a word document. Then write your explanations for step5, and upload your file “YourSurname_Assignment1” under assignment link.

1. Create a C source file with one or more data structures.
2. Initialize the structure members in your main() function and print out their values.
3. Compile it with GCC or Microsoft Visual Studio Express.
4. Analyze the binary in a disassembler, or pause it in a debugger, and inspect the offsets for the structure members being passed to the print function.
5. Do your offsets match your expectations? Please explain.