Winter ’14 CIS 314 Assignment 2 – 100/100 points – Due Friday, 2/7, 11:59 PM

This assignment will involve solving problems and writing code related to x86 assembly code. For ease of submission, please submit a .zip file containing a single solution document for non-coding exercises (.txt, .doc, or .pdf) and individual source files for coding exercises (see naming conventions below). Your code and answers need to be documented to the point that the graders can understand your thought process. Problems will be graded based on work shown, not your final answer; full credit will not be awarded if no work is shown!

1. [20] B&O’H 3.54. Also write a main() method to test your function. Name your source file 3.54.c


5. [20] Write x86 code equivalent to the following C code:

```c
int f(int x, int y) {
    return x + y;
}
int g(int a, int b, int c) {
    return f(a, b) + f(b, c);
}
```

Follow the register usage conventions outlined in B&O’H section 3.7.3. Write your code in your solutions document.

Upload .zip file to Blackboard (see Course Documents section for submission link).