

Extra Credit 2

Due: May 27, 2024

Points: 35

C can be a cryptic language. The International Obfuscated C Code Contest pokes fun at this. Entries are to be C programs that are as cryptic, obscure, and difficult to read as possible; but they must compile successfully (usually with warnings!) and do something.

The judges ruled that David Korn's entry from the 4th International Obfuscated C Code Contest was the best one-line entry ever received up to then. Here it is:

```
main() { printf(&1["\021%six\12\0"], (1) ["have"]+"fun"-0x60); }
```

Please simplify each argument of the *printf*. You need to explain why the program does what it does.

Note: If you compile this program on the CSIF, you will get numerous warnings. You do not need to fix them (in fact, you should not) or explain them.

Submit your answers in Gradescope using the attached template. If you need to print it out and write your answers on it, please scan it in to Gradescope. If you cannot scan it in, please give it to me and I will do so.

Extra Credit 2 Answer Template

Name: _____ Student ID: _____

Simplify the first argument in the *printf*. Explain in detail your analysis.

Simplify the second argument in the *printf*. Explain in detail your analysis.

What does the *printf* print, and why?