# x86 Software Reverse-Engineering, Cracking, and Counter-Measures

# Lab: IDA Logic Flows

Environment Needed:

- Windows Virtual Machine
- IDA

1. In this folder you will find You will find several binaries
2. Load each of these into IDA and determine which is which:
   - If
   - Multi part if ( i.e. if(cont1 && cond2))
   - While loop
   - For loop
   - Do while loop
3. Analyzing a program's control flow can make it easier to quickly understand what is happening inside of code.
4. Getting good at recognizing these flows quickly can vastly improve your reverse engineering ability
5. Once you think you have it figured out, check out the solutions files, did you get them right?