

LAB

MS Visual Studio and PREfast

- Run and compile `zuno.cpp` and `bufferOverflowDemo.cpp`
- Set project warning level to `/W4`
- Run Code analysis on `bufferOverflowDemo.cpp`
 - minimum or all rules
- Fix all warnings for clean compilation in VS W4

Cppcheck

- Download Cppcheck from IS and unpack (or install)
 - run command line, `cppcheck bufferOverflow.cpp`
 - `cppcheck --enable=all bufferOverflow.cpp`
- Setup viewer for cppcheck (Notepad++ zip package)
- Use regular expression `.+, --debug, "pass[word]*="`
 - create XML file with file for automated analysis
- Run against `qualitative_analysis.zip`
 - inspect problems found
- Run against `OpenSSL0.9.1 (1998)`
 - what are the bugs?

Homework

- Nothing this week