COMP 161 — Main Sources

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Spring 2018

1. **Linux CLI (BASH)**

   - Primary
     Shotts, William. *The Linux Command Line*. No Starch Press. 2012.
     `http://linuxcommand.org/tlcl.php`

   - Additional Sources
     Shaw, Zed. *The Command Line Crash Course: Controlling Your Computer From The Terminal*.
     Dec 2011.
     `http://cli.learncodethehardway.org/book/`

     Nodwell, Eric. *Introduction to Commandline Linux*. 2003.
     `http://www.phas.ubc.ca/~mbelab/computer/linux-intro/html/`

2. **EMACS**

   - Primary
     Start EMACS. Enter the command *Ctrl-h t* to begin the interactive tutorial.

     Emacs 24 Reference Sheet.
     `https://www.gnu.org/software/emacs/refcards/pdf/refcard.pdf`

   - Additional Sources
     Wacelna, Keith. *A Tutorial Introduction to GNU Emacs*. 2009.
     `http://www2.lib.uchicago.edu/keith/tcl-course/emacs-tutorial.html`

     Pitts, Robert I. *Using Emacs for Programming*. 2000.
     `http://www.cs.bu.edu/teaching/tool/emacs/programming/`

3. **C++**

   CPlusPlus.com
   `http://cplusplus.com`

   Stroustrup, Bjarne. *A Tour of C++*. Addison-Wesley. New Jersey. 2014.

4. **GCC/G++**

   Chen, Bee-Chunk. *Compiling C and C++ Programs.*
   `http://pages.cs.wisc.edu/~beechung/ref/gcc-intro.html`

   GNU GCC Manual
   `http://gcc.gnu.org/onlinedocs/gcc-4.8.2/gcc/`

5. **make**

   GNU Make Manual
   `http://www.gnu.org/software/make/manual/make.html`

6. **Git**

   Chacon, Scott. *Pro Git.* `http://git-scm.com/book`

   Lynn, Ben. *Git Magic.* `http://www-cs-students.stanford.edu/~blynn/gitmagic/`

7. **GDB**

   GDB Manaul
   `http://sourceware.org/gdb/current/onlinedocs/gdb/`

   Hall, Brian "Beej Jorgensen". *Beej's Quick Guide to GDB*
   `http://beej.us/guide/bggdb/`

   Lancaster, Glenn. *Quick Guide to GDB*
   `http://condor.depaul.edu/glancast/373class/docs/gdb.html`

8. **Valgrind (memcheck,callgrind,cachegrind)**

   Official Quick Start Guide
   `http://valgrind.org/docs/manual/QuickStart.html`

   Official Manual
   `http://valgrind.org/docs/manual/manual.html`