

Welcome to COMP122

- For the first two weeks of class, attendance will be taken for administrative purposes.
- Students who do not attend classes during the first two weeks are subject to administrative withdrawal.
- You are responsible for using the feedback system to record your attendance during the first two weeks of class you have attended class via the following link:

[Feedback System](#)

[Spring23 Feedback System](#)

Overview and Methodology

- Greetings and Introductions:
 - Class notes: notes_08_28.md
 - Markdown viewer
- Command Line Interface (CLI) versus a Graphic User Interface (GUI)
 - The missing semester: <https://missing.csail.mit.edu/>
 - The shell, shell tools and scripting, and the command line environment
 - Version Control (git)
 - Editors (subl) [Sublime Text]
 - A comparison between the CLI and the GUI
- Canonical Class Directory: ~/classes/comp122/
 - Introduction to COMP122: introduction.md
 - Syllabus: syllabus.md
 - Assignments: assignments.md
 - Schedule: schedule.md
 - Class Material: directory for each section of the class

Tools and Resources

- Sublime Text:
- One Markdown:
- GitHub Documents:
 - <https://github.com/COMP122>
 - Invitations URLs: for example: <https://classroom.github.com/a/c1oXvbim>
- Living Documents (on my.csun.edu – drive)
 - <https://drive.google.com/drive/u/0/folders/1WpDQTPX-rFnPNkcynDI2-7faFX0qOzjH>
 - Copies are in: */documents/*
 - Currently, the yare in the .hidden subdirectory
- Class Discussions: Slack: comp122-csun.slack.com
 - channel: [#fitzgerald-s23](#)
- Class Material: bin/, reference/, tidbits/, etc.

Languages, Compilers, and Hardware:

- Languages
 - Domain Specific
- Compilers & Interpreters
 - Analysis
 - lexicographical
 - syntactical
 - semantics
 - Language Optimization
 - Machine Optimization
 - Translation: TAC → MIPS
- Hardware
 - General Types: Registers / Stack
 - Specific CPU Controls
- CLI: compilation exercise

