* Keep the various versions of your work by using version control software to store the versions in a repository:
  + Use a distributed version control system to enable collaboration, allowing others to review and suggest changes to your program
* Execute programs automatically using the correct workflow and updated code every time by using the **make** command.
* Test and debug code early and on many levels. Continue testing and debugging throughout software development
* Write code and/or documentation in a human-readable fashion:
  + Name variables, functions, etc. consistently
  + Make comments which explain naming systems, purpose of the object, input and output parameters, mini-examples, and other essential information
  + Use literate programming to document software in prose, demonstrating code line or segment usage
  + Use literate computing to document code usage and outputs in prose
* Use infrastructure to control the testing, project building, and report generation of code integrated into code versions by utilizing:
  + Hosted version (repository) control
  + Continuous integration software
  + Documentation generation systems