

Milestone #5: Register Allocation

Overview

For this milestone, your program must perform register allocation (using the graph coloring-based algorithm discussed in lecture) on the ARM assembly generated from the previous milestone. The resulting output from this stage of the project should be valid assembly that can be assembled, linked, and executed.

Command-line Options

You may find it useful to provide a command-line option to prevent register allocation. This will allow you to view the assembly code just prior to allocation which can help a great deal when debugging.