

Solve this problem by modifying a copy of <http://www.ece.lsu.edu/ee3755/2001f/hw06.html> which can also be found in </home/classes/ee3755/com/v/hw06.v>. See <http://www.ece.lsu.edu/ee3755/proc.html> for instructions on running the simulator. Alternate instructions can be found in Lesson 7 of the ModelSim Tutorial, linked to the references web page, <http://www.ece.lsu.edu/ee3755/ref.html>. The links are clickable when this assignment is viewed with Acrobat Reader. The ModelSim tutorial and other documentation can also be accessed from the Help menu on the ModelSim GUI (started by the command `vsim -gui`).

Copy the homework template, </home/classes/ee3755/com/v/hw06.v>, into a subdirectory named `hw` in your class account.

Documentation on MIPS instructions can be found in Appendix A of the text (and elsewhere) and in <http://www.ece.lsu.edu/ee4720/mips32v2.pdf>.

Module `proc` in the solution template is the strawman MIPS implementation described in class.

Problem 1: Modify the `proc` module so that it implements the `nor` instruction. See the solution template for further information.

Problem 2: Modify the `proc` module (the same one modified for Problem 1) so that it implements the `jalr` instruction. See the solution template for further information.