

Problem 1: Solve Spring 2017 Final Exam Problem 1, in which control logic to generate stall signals is added to a MIPS-I implementation that uses 12-bit bypass paths. See Spring 2017 Homework 5 Problem 3 and its solution, on which the final exam problem is based.

Attention perfectionists: The original Inkscape SVG for illustrations are available for download: the unsolved homework, <http://www.ece.lsu.edu/ee4720/2017/mpipei3c.svg>, the solved homework, <http://www.ece.lsu.edu/ee4720/2017/hw05-p3-sol.svg>,

and the exam, <http://www.ece.lsu.edu/ee4720/2017/fe-p1.svg>. Print them out as is (be sure that the rasterization of the SVG vector format targets the resolution of your printer) or use Inkscape or some other SVG editor to put in your solution. For a real challenge use a plain text editor to add your solution to the SVG source.