

Problem 1: Solve Midterm Exam Problem 1b, in which code is to be completed using the `xor` instruction.

See the midterm exam solution.

Problem 2: The next page shows the original solution to Midterm Exam Problem 3 (the one appearing in the exam before 20 April 2019). In this solution the `Taken` signal is set for a `bne` using the `rsv` and `rtv` values (from the register file) even if there is a dependence with an `slt` in the EX stage. Modify the logic to fix this.

For your solving convenience, the original solution illustration appears on the next page and in Inkscape SVG at <https://www.ece.lsu.edu/ee4720/2019/mt-p3-slt-bne-sol.svg>

See the midterm exam solution. The solution to 3b now includes a solution to this problem (shown in orange).

