Homework 6
Due 10/20 at 11 am

1. **(100 points)** Show scheduling of the following code using scoreboard. Assume one integer ALU, two FP multipliers, one FP adder and one FP divider. Integer ALU takes one execution cycle, FP multipliers take 7 cycles, FP adder takes 4 cycles and FP divider takes 25 cycles.

   L.D F2, 0(R2)
   L.D F4, 100(R3)
   ADD.D F8, F2, F2
   MUL.D F6, F4, F8
   SUB.D F6, F2, F4