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✓ Text Editor
                                                                  Apr 19 23:46 A
Activities
                                                                                                                                 pipe_tb.v
     Open Y F
                                                                                                                   Save
                                                                  ~/Desktop/pipe
     `timescale 1ns / 1ps
•
     module pipe tb;
         reg clk;
1
         reg reset;
         pipe uut(
.clk(clk),
                  .reset(reset));
              always #50 clk = ~clk;
         initial begin
         $dumpfile("pipe tb.vcd");
         $dumpvars(0,pipe tb);
         clk=1;
             reset = 1;
             #100;
reset = 0;
              uut.instruction_memory[0] = 32'h20010001;
1
              uut.instruction memory[1] = 32'h20020002;
              uut.instruction memory[2] = 32'h00052820;
              uut.instruction memory[3] = 32'h00053021;
              uut.data memory[1] = 32'h000000005;
              uut.data memory[2] = 32'h000000003;
             #100;
   24 endmodule
0
```

INS

