

COL216 ASSIGNMENT 2

STAGE 1

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- I have used edaplayground to simulate the code
- The Files which I have submitted are first one is design.vhd and second is testbench.vhd
 - alu and test alu_testbench
 - register and reg_testbench
 - program-mem and prog_testbench
 - data_mem.vhd

total of 7 files and one report file .

My files are simulating and error free

Mainly in alu part I have implemented the whole opcode operations too.