



[1] This is the value that will be passed into the ROM

[2] This is the value that will be outputted from the ROM. It's all the control signals concatenated together.

[3] This value is provided as an example. Based on your design for the immediate generator, you may need to modify this value to generate the correct immediate value

[4] This value actually doesn't matter because the addi instruction never uses the branch comparator. However, you must fill out every cell so the control bits line up properly

[5] This value is provided as an example. Based on your design for the A MUX, you may need to modify this value to generate the correct immediate value

[6] This value is provided as an example. Based on your design for the B MUX, you may need to modify this value to generate the correct immediate value

[7] This value is provided as an example. Based on your design for the Writeback MUX, you may need to modify this value to generate the correct immediate value