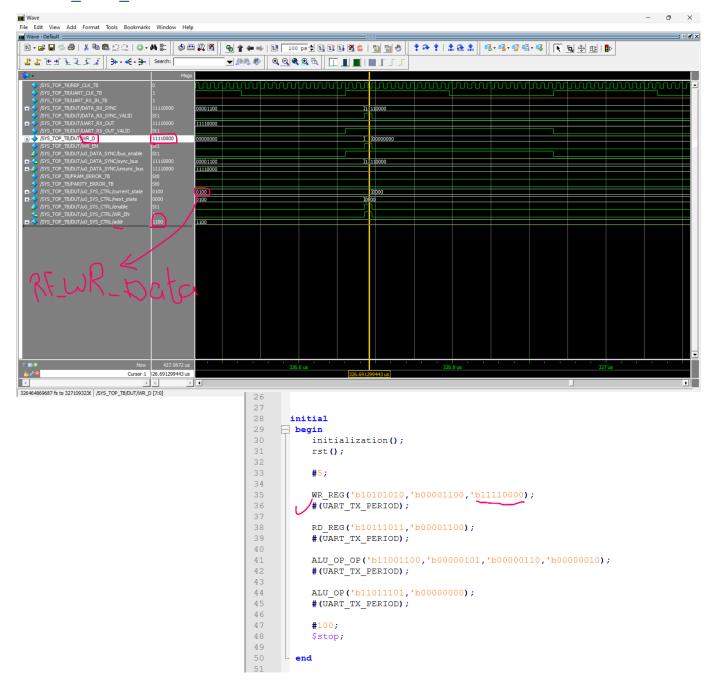
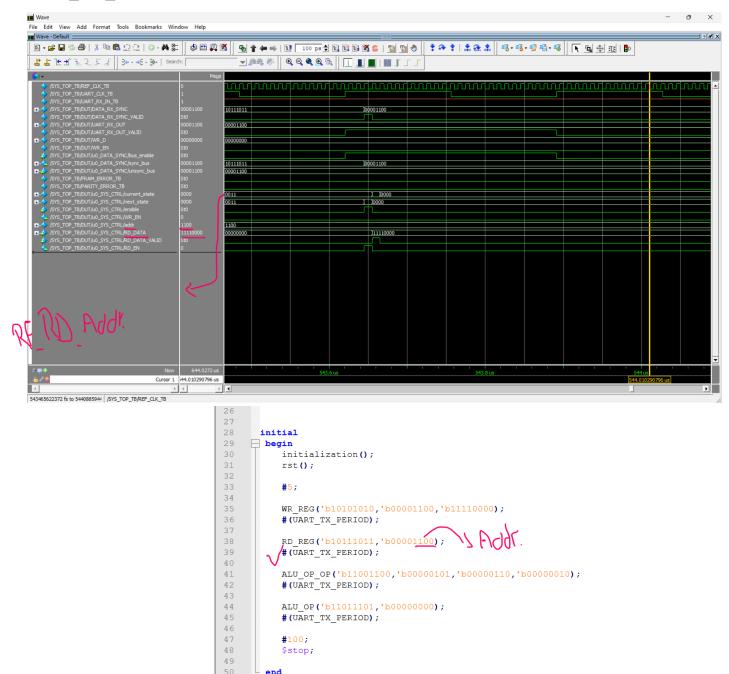
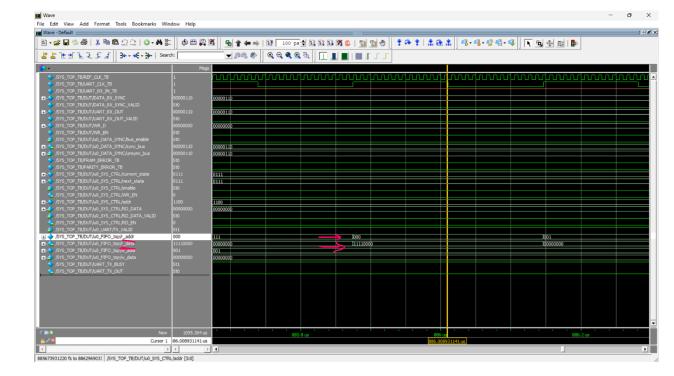
1-WR_REG_File



2-RF_RD_File:





FIFO_MEM [000]= 'b1111_0000

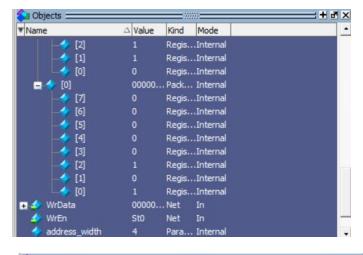
3-ALU_OP_A_B:

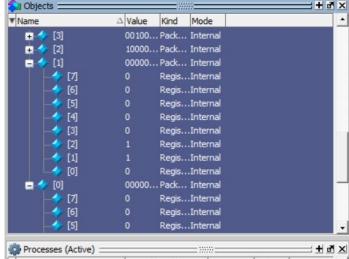
Operand A:

REG_FILE →

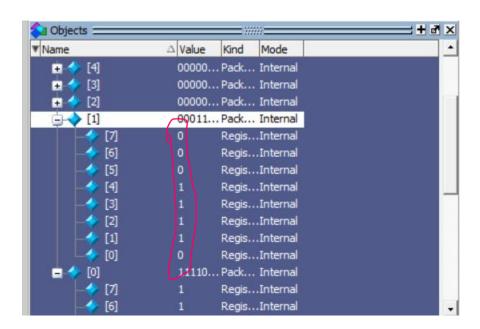
Operand B:

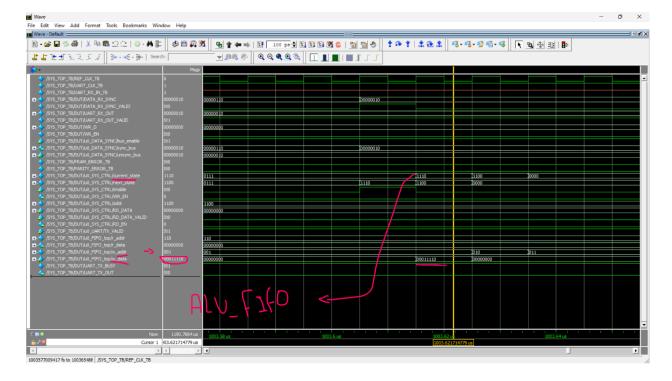
REG_FILE →





Alu func is multiplication $5*6 = 30 = \text{`b0001_1110}$ FIFO_MEM \rightarrow





4-ALU_OP_no operand:

Alu func is addition 5+6 = 11 = 'b0000_1011

