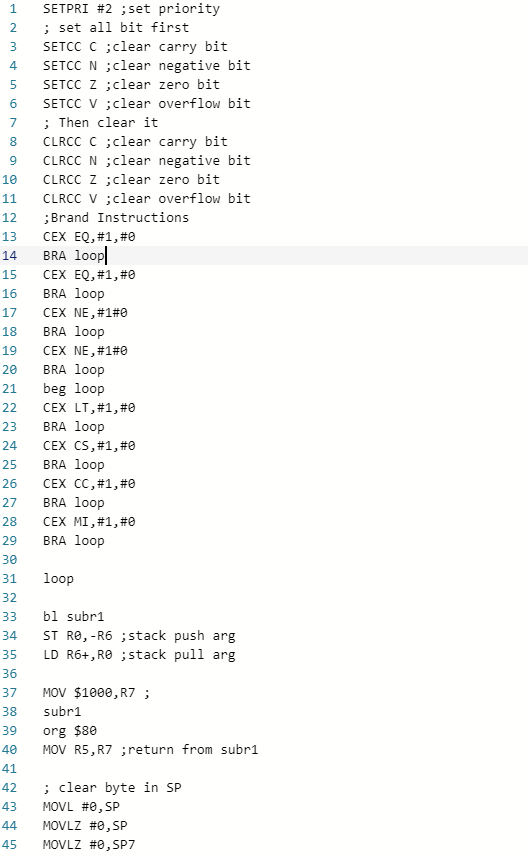
TEST 1: Legacy Instructions

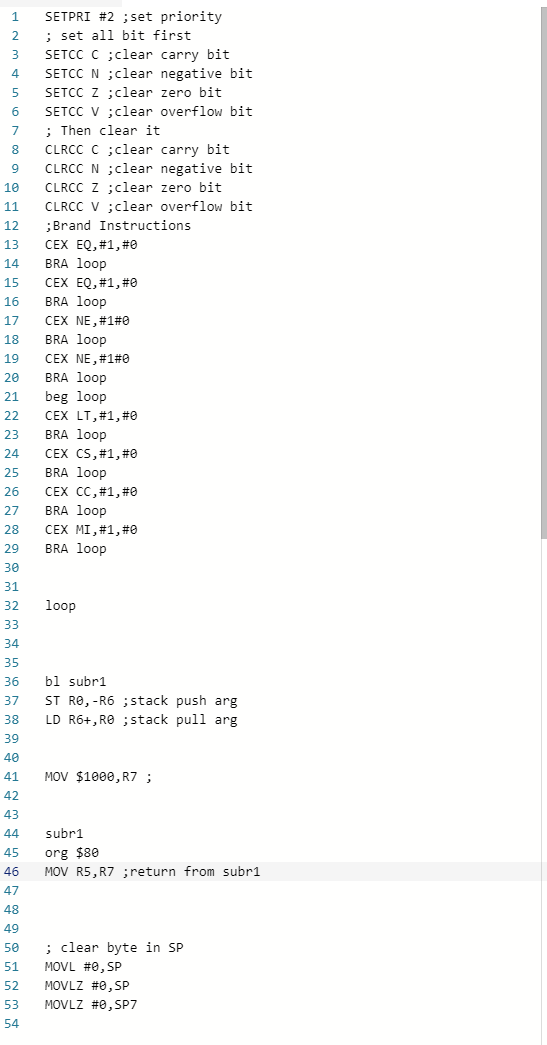
Purpose: This test includes all the legacy XM-2 instructions. Verify the preprocessor working well on all of instructions

Configuration: ./preprocessor test\_legacy\_inst.asm

Expected Result:



Actual Result:



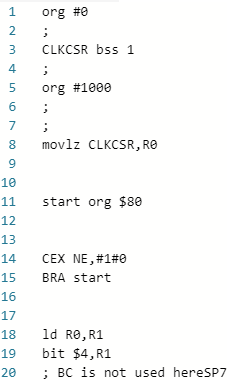
It is correct, match the expectation

TEST 2: Inst After Comm

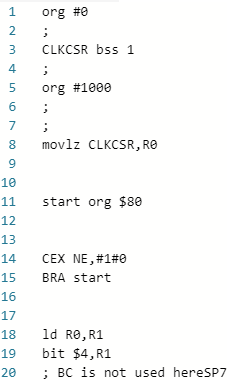
Purpose: This test verifies that the XM2 inst after ‘;’ won’t influence the preprocessor, it will be automatically ignored

Configuration: ./preprocessor test\_comm\_inst.asm

Expected Result:



Actual Result:



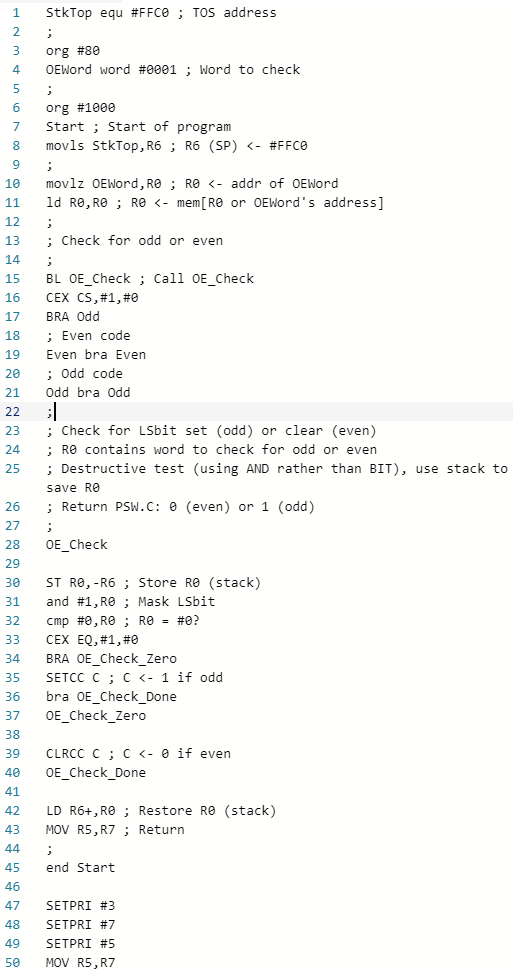
It is correct, match the expectation

TEST 3: Label Recognition

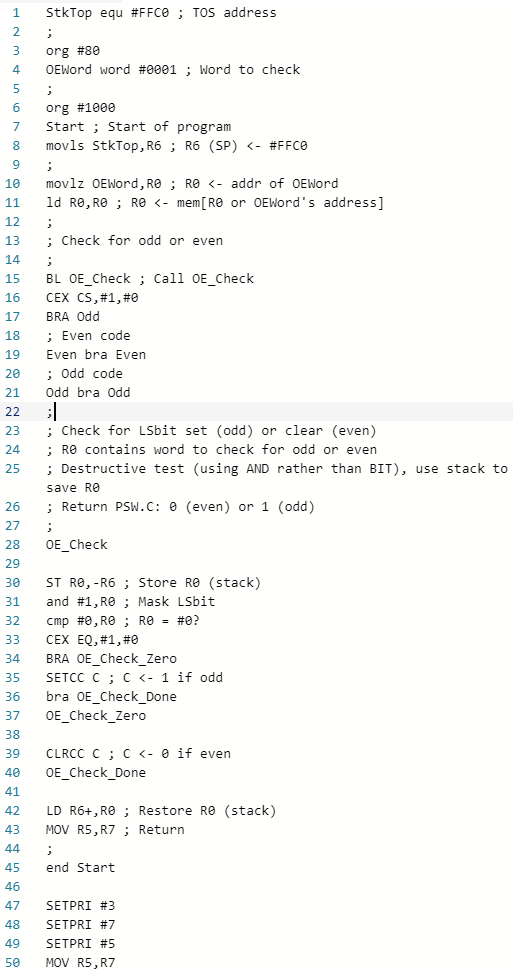
Purpose: This test uses many labels, in order to see whether these labels may cause error in preprocessors

Configuration: ./preprocessor test\_label.asm

Expected Result:



Actual Result:



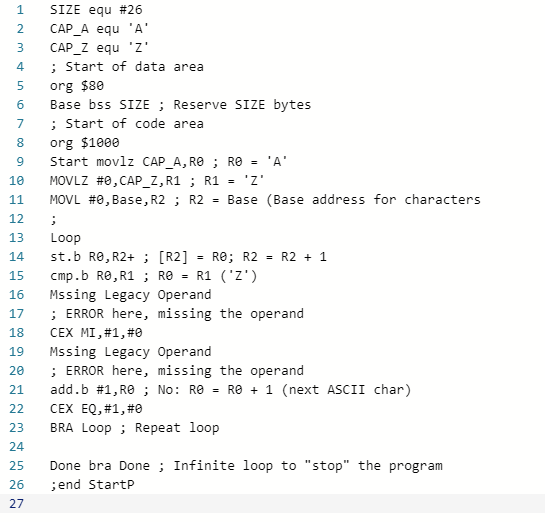
It is correct, match the expectation

TEST 4: Error Handling

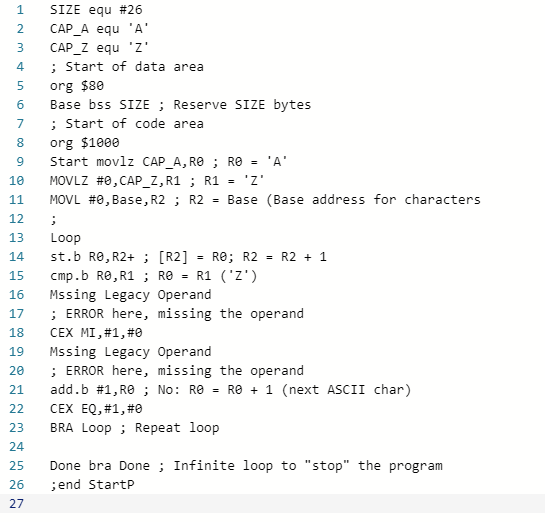
Purpose: Test whether the error handling works. Set instructions without operand which should be with operand. See the corresponding error message.

Configuration: ./preprocessor test\_error\_handle.asm

Expected Result:



Actual Result:



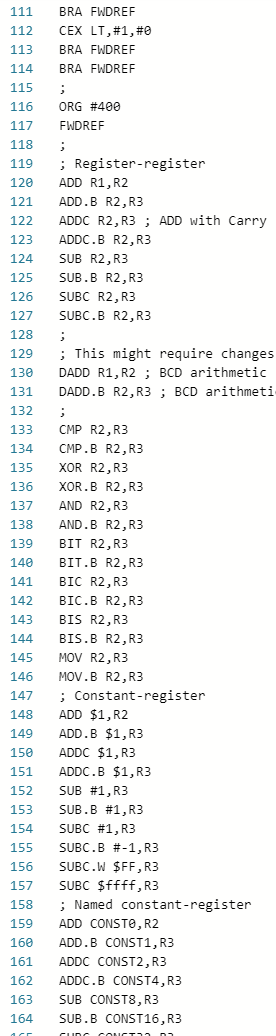
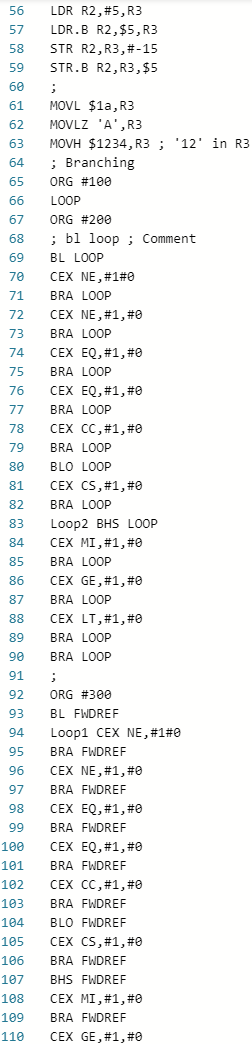
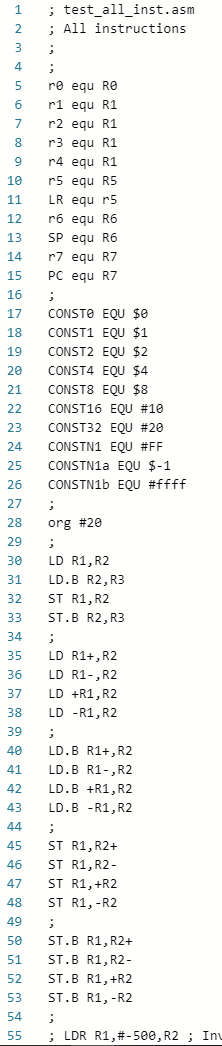
It is correct, match the expectation

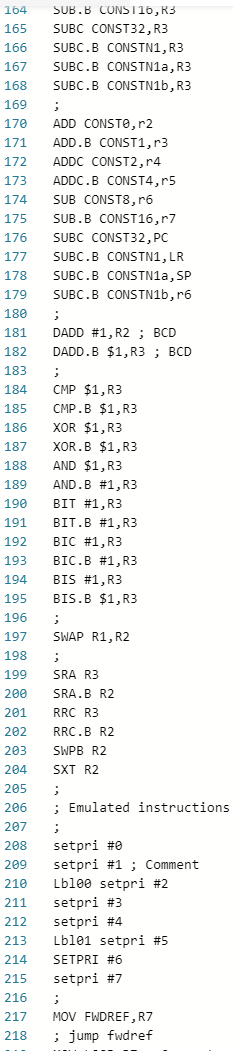
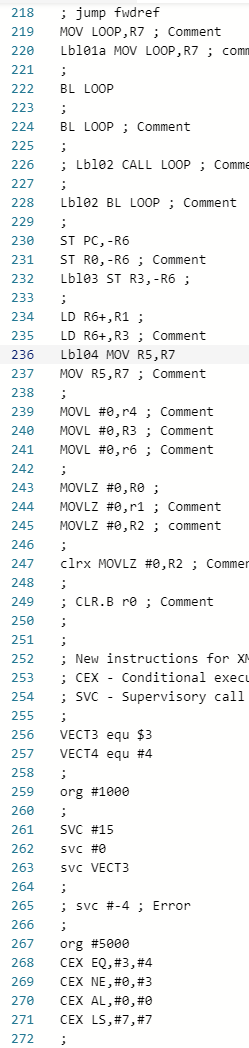
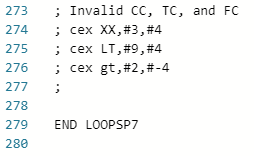
TEST 5: All Instructions

Purpose: List all instructions and put into test

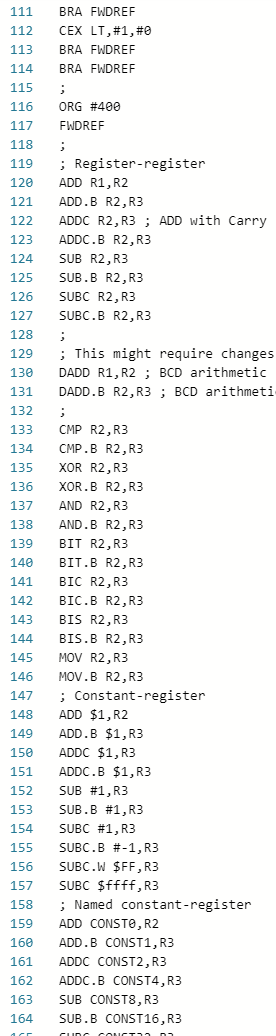
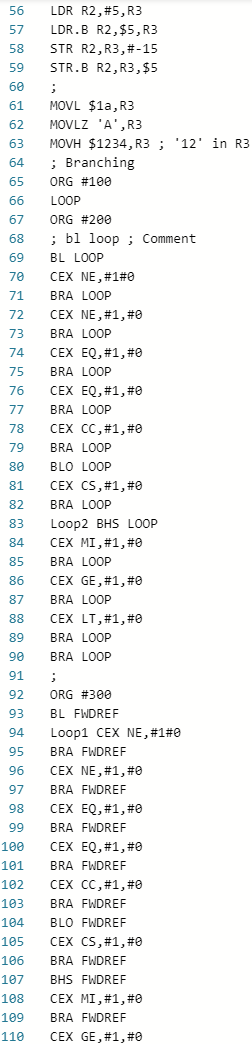
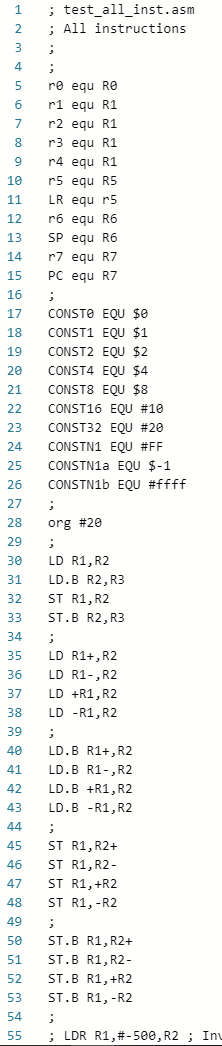
Configuration: ./preprocessor test\_all\_inst.asm

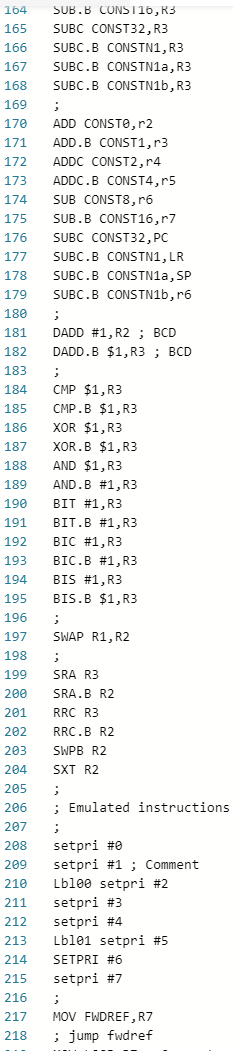
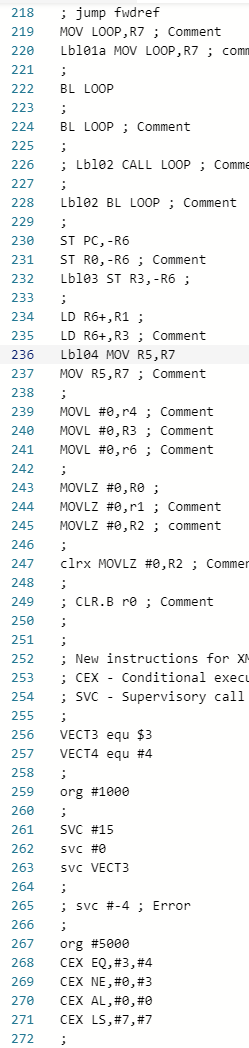
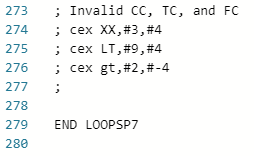
Expected Result:



Actual Result:



It is correct, match the expectation