To compile the program:

g++ SIM.cpp InstrMem.cpp DataMem.cpp INSTR.cpp ADD.cpp NEG.cpp InstrFactory.cpp ASS.cpp LE.cpp HALT.cpp READ.cpp MUL.cpp JMP.cpp JMP0.cpp WRITE.cpp main.cpp -o rslt -pthread

To run the program:

1. Type the command:

./rslt

1. Enter the number of the files to be processed
2. Enter their names

Note:

The file names error.txt should result in an error because the command MUL in the 4th line is not written correctly