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Summary Report

The program uses file I/O to process data and perform the transformation algorithm of turning a deterministic finite automata into a regular expression. The program is written in Java language and uses object oriented programming to process the data. Running the code also considers error checking with the file input for improper format, lack of data, or other issues. If no errors are detected from reading the input files, than the program properly converts a DFA to a regular expression which is the output and exits with code 0. However, if errors are detected, the program exits with code 1.