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Lab 4 Report

Since our lex program is written for a C-like language, the last rule treats all whitespace the same and trims it, whether it's tabs or spaces. If the purpose was to design a lex program for a whitespace dependent language, the last rule would be expanded to check for the specific whitespace the language recognizes. Instead of treating all whitespace the same, the rule would check what kind of whitespace to accept and handle it accordingly, like going back to a starting state, a new statement, or discarding the whitespace.