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Project 1 – Lexer/Scanner

FSA\_MyDesign

**Regex:**

Regular Expressions:

* Real Numbers – [ 0 - 9 + . ]
* Identifiers – [ a - z ] +
* Operators – [ = + < ]
* Separators – [ ( + ) + > + ;]
* Keywords – “while” *// I can certainly add more keywords here by adding + ‘keyword’, depending on the code being analyzed.*

**FSA:**

Diagram

Description automatically generated