Documentation

https://github.com/iliedr19/lftc4

```
EBNF for fa.txt:

states = "A" | "B" | "C" | "D";

alphabet = "a" | "b" | "c" | "d";

final_states = "D";

transitions =

"A" "a" "A" |

"A" "b" "B" |

"B" "c" "C" |

"C" "c" "C" |
```

The project encompasses the implementation of Finite Automata (FA) for recognizing specific patterns or sequences within defined alphabets. There are multiple FAs designed for distinct purposes, each defined in a separate file.

Files Description:

1. `fa.txt`:

- Represents an FA that recognizes sequences ending with a specific pattern.

- States: A, B, C, D

- Alphabet: a, b, c, d

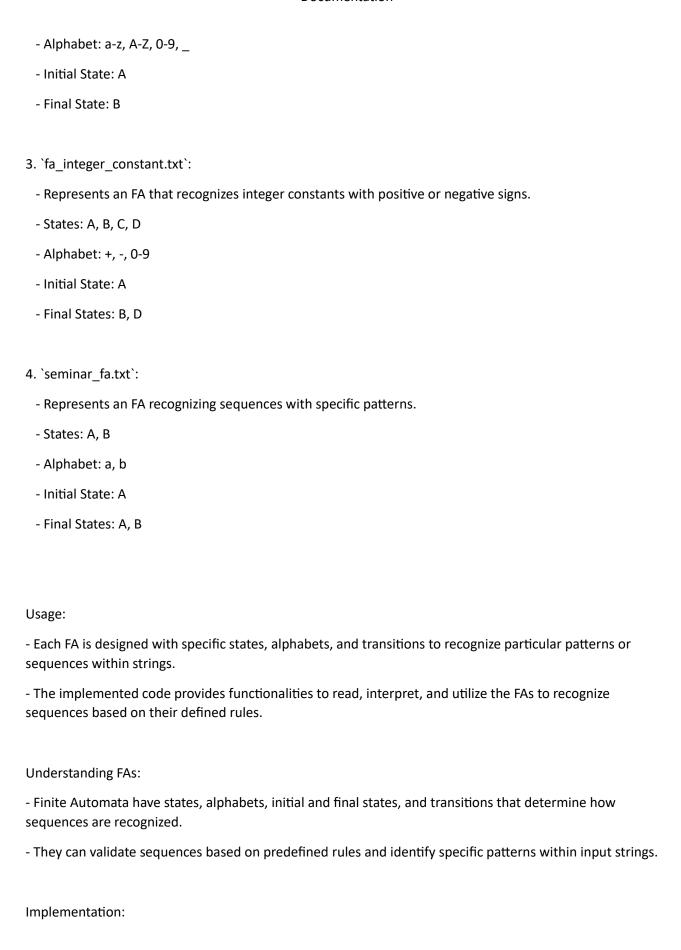
- Initial State: A

- Final State: D

2. `fa_identifier.txt`:

- Defines an FA for recognizing valid identifiers (variables) in a programming language.
- States: A, B

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