Documentation:

class FiniteAutomata ->

Represents a Deterministic Finite Automaton (DFA).

Attributes:
- elem_separator: Separator for elements in the input file.
  - is_deterministic): Indicates if the DFA is deterministic.
  - initial_state: Initial state of the DFA.
  - states: List of states.
  - alphabet: Alphabet symbols.
  -final_states: List of final states.
  - transitions: stores the transitions

Methods:
  - __init__(file_path: str): Initializes the DFA from a file.
  - accepts_sequence(sequence: str) -> bool: Checks if the DFA accepts a sequence.
  - get_states() -> list: Returns the list of states.
  - get_initial_state() -> str: Returns the initial state.
  - get_alphabet() -> list: Returns the alphabet.
  - get_final_states() -> list: Returns the list of final states.
  - get_transitions() -> dict: Returns the transition function.
  - write_transitions() -> str: Returns a string representation of the transition function.

The input file for the DFA should follow the format below:

```
file            ::= state_list "\n" state "\n" symbol_list "\n" state "\n" transition_list
state_list      ::= state { "," state }
symbol_list      ::= symbol { "," symbol }
transition_list   ::= transition { "\n" transition }
transition       ::= state symbol state
```