

```
<state>
<op>
<transFunc> = <state>,<op>,<state> // helper

<transFuncList> = <transFunc> | <transFunc>;<transFuncList>
<finalList> = <state> | <state>,<finalList>
<stateList> = <state> | <state>,<stateList>
<alph> = <op> | <op>,<alph>
<q0> = <state>
```

FA reads from a file the info in the following order line by line: Q, E, S, q0, F.

S has its own class which lets you get, add elements and get the resulting state of a state and an operation.

Function testFA, given an operations list, returns False if the operations are invalid or not a DFA. Otherwise it returns the final state.