```
<FA>::=<initial_state>"\n"<final_states>"\n"<transitions>
<state>::=0|1|...|9|a|b|...|z|A|B|...|Z
<initial_state>::=<state>
<final_states>::=<state>|<state><final_states>
<transitions>::=<transition>|<transition><transitions>
<transition>::=<state>" "<letter>" "<state>"\n"
<letter>::=0|1|...|9|a|b|...|z|A|B|...|Z
```