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PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS CUSTOM INVOCATION

## A. FSA validator

time limit per test: 3 s memory limit per test: 16 MB input: fsa.txt output: result.txt

Given an FSA description in the fsa.txt (see input file format) your program should output the result.txt containing an error description (see validation result) or a report, indicating if FSA is complete (or incomplete) and warning (see warning messages) if any. Warnings should be sorted according to their code

## Input

states=[s1,s2,...] // s1 , s2, ...  $\in$  latin letters, words and numbers

alpha=[a1,a2, ...] // a1 , a2, ...  $\in$  latin letters, words, numbers and character '\_'(underscore)

init.st=[s] // s  $\in$  states

fin.st=[s1,s2,...] //  $s1, s2 \in states$ 

trans=[s1>a>s2,...] // s1,s2,... $\in$  states; a  $\in$  alpha

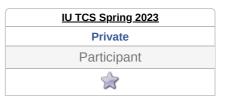
## Output

Example: result.txt

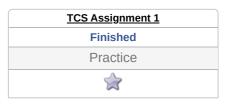
FSA is incomplete

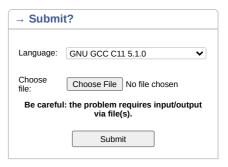
Warning:

W1: Accepting state is not defined









→ Last submissions		
Submission	Time	Verdict
199325048	Mar/26/2023 22:39	Accepted
<u>199324971</u>	Mar/26/2023 22:38	Wrong answer on test
<u>199082799</u>	Mar/25/2023 14:01	Accepted
<u>199080018</u>	Mar/25/2023 13:37	Accepted
<u>199078614</u>	Mar/25/2023 13:25	Accepted
<u>198911056</u>	Mar/24/2023 11:22	Accepted
<u>198865472</u>	Mar/24/2023 00:17	Wrong answer on test
<u>198860946</u>	Mar/23/2023 23:37	Wrong answer on test
<u>198857721</u>	Mar/23/2023 23:04	Wrong answer on test 6
<u>198855555</u>	Mar/23/2023 22:44	Wrong answer on test

