Project Teamwork

12/8/2024

A ***separate copy*** of this template should be filled out and submitted by each student, regardless of the number of students on the team. Also change the title of this template to "Project x Teamwork <team> - <netid>"

1	Team Name: warmswor
2	Individual name: Will Armsworthy
3	Individual netid: warmswor
4	Other team members names and netids: N/A
5	Link to github repository: https://github.com/willarms/TOC-Project2
6	Overall project attempted, with sub-projects: Project 1 - Tracing NTM Behavior
7	List of included files (if you have many files of a certain type, such as test files of different sizes, list just the folder): (Add more rows as necessary)

File/folder Name	File Contents and Use
Code Files	
traceTM_warmswor.ipynb	Contains all code/testing code for each test file and test case.
Test Files	
aplus.csv	Contains machine csv for aplus test case
abc_star.csv	Contains machine csv for abc_star test case
Output Files	
output_aplus.txt	Contains all output from code when running aplus.csv test file. This includes info about machine (name, states, etc.) and accept/reject as well as path and determinism metric.
output_abc_star.txt	Contains all output from code when running abc_star.csv test file. This includes info about machine (name, states, etc.) and accept/reject as well as path and determinism metric.
Plots (as needed)	
N/A	N/A

8	Individual Student time (in hours) to complete: 8 hours
9	Your specific activities and responsibilities: individual (all)
10	What was personally learned (topic, programming, algorithms): I learned about using tuples within a structure like my transitions and state sequence dictionaries, particularly using a tuple as a key to ensure things line up when I store them. Additionally, I thought a lot more about the difference between NTM and DTMs and how this could impact the functionality/practical applications of either, especially from a coding perspective. As always, I continued to improve my debugging skills and ways to approach solving different problems.
11	How team was organized, and what might be improved. Not much to add here, individual project.
12	Any additional material: None