**ADV. SOFTWARE ASSURANCE**

*Submission:*

*Three pages pdf in reasonable font.*

*Instruction format used to run the code*

*Folder containing .py and .tstl code  
  
The report should answer three questions clearly:  
  
1)*

*What did you test?*

*What actual program (program code ideally a GitHub link), and if you only tested some of the "input surface" or behavior, explain what you did (and didn't test).*

*Code and TSTL length combined to be 200 – 200+ lines  
[size:  maybe half a page to 3/4 page?]  
  
2)*

*How did you test it?  Here, I want to see code -- link to github. This can include unit tests, manually written, and should include something like TSTL.*

*Python you can use TSTL  
[one page to 1.5 pages]  
  
3)*

*How good were your tests, as measured a few ways:  
3a) bugs found, possibly  
3b) code coverage  
3c) run mutants using universal mutator – mutant score should be >85%*

*break down these, if possible, by manual unit vs. automatically generated tests  
[size: rest of the report]*

*Below link is the steps how the code to run for python in tstl using google Collab*

*https://colab.research.google.com/drive/1LLUNZvU8gG37LzaQJk6E--8v1J\_fu4Kp?usp=sharing*