**Molecular Dynamics Lab 1**

1 – 4) All tests passed and completed in Matlab grader for parts 1 – 4.

5i) Below are the plots for temperature, chain length, and energy versus time for the target temperatures 100, 300, and 500 K respectively. All plots used an initial spacing of 2.6375 Å which was determined to be the equilibrium spacing in MS Lab 1.

Graphical user interface

Description automatically generated Graphical user interface

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Graphical user interface

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5ii) Below are the plots for temperature, chain length, and energy versus time for the target temperatures 100, 300, and 500 K respectively. All plots used an initial spacing of 3.0 Å.

A picture containing graphical user interface

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