

Problem Set 2 Python Rubric

This Problem Set will be graded out of 10 points and is worth 4% of your total grade.

Task	Points
Integrators	Points
<ul style="list-style-type: none">• Velocity Verlet• Chosen Integrator	<ul style="list-style-type: none">• 2 points• 2 points
Makefile	2 points
Documentation and Reflection	4 points

Problem Set 2 C++ Rubric

This Problem Set will be graded out of 30 points and is worth 4% of your total grade.

Task	Points
Class methods	Points
<ul style="list-style-type: none">• Default constructor• Constructor that takes <code>std::vector</code>• Copy constructor• Get atom by index• Adding an atom• <code>size()</code>• <code>clear()</code>• Printing function• Molecular weight function• Center of mass function• Moment of inertia function	<ul style="list-style-type: none">• 1 point• 1 point• 2 point• 2 point• 2 point• 1 point• 1 point• 2 point• 2 point• 4 point• 6 points
<code>const</code> correctness	4 points
Code compiles and runs	2 point