

# Problem Set 1 Rubric

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This Problem Set will be graded out of 20 points and is worth 8% of your total grade.

Task	Points
Harmonic Oscillator <ul style="list-style-type: none"><li>• Constructor</li><li>• Kinetic Energy and Potential Energy methods</li><li>• Analytical position and velocity functions</li></ul>	Points <ul style="list-style-type: none"><li>• 1 point</li><li>• 2 points</li><li>• 2 points</li></ul>
Testing	4 points
Custom Exception	2 points
Makefile <ul style="list-style-type: none"><li>• Formatting Target</li><li>• Test Target</li><li>• Plot Target</li></ul>	Points <ul style="list-style-type: none"><li>• 1 point</li><li>• 1 point</li><li>• 2 points</li></ul>
Documentation and Reflection	5 points