Individual Assignment 1 Rubric

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

Task	**Points**
Integrand Functions • `integrand_pi(x)` correctly calculates 1 / (1 + x^2) • `integrand_second(x)` correctly calculates 10 / (1 + 100x^2)	2 points total • 1 point • 1 point
Estimation Functions • `estimate_pi(num_points)` uses Monte Carlo and `integrand_pi` • `estimate_second_integral(num_points)` uses Monte Carlo and `integrand_second`	6 points total • 3 points • 3 points
Testing • At least 3 total test cases using `assert` • Each estimation function tested at least once	4 points total • 2 points • 2 points
Code Clarity and Comments • Clear, readable structure and names • Inline comments explain logic	4 points total • 2 points • 2 points
Documentation • README Explains what the code does and how to run it • Functions have docstrings	3 points total • 1.5 point • 1.5 point
Version Control • Descriptive commit messages	1 points total • 1 points