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| **Criteria** | **Ratings** |
| 1. Code Accuracy and Completeness | |  |  |  | | --- | --- | --- | | **20%: Full credit** | **10%: Partial credit** | **No credit** | | Python code runs without errors, demonstrating all required math concepts. | Some code runs correctly, but key concepts are missing, or code produces errors. | Code does not run or is incomplete. | |
| 1. Math Concept Coverage | |  |  |  | | --- | --- | --- | | **20%: Full credit** | **10%: Partial credit** | **No credit** | | The assignment covers all key math concepts for the section, demonstrating a clear understanding. | Some math concepts are covered, but key elements are missing. | The math concepts are not addressed appropriately. | |
| 1. Examples Appropriateness | |  |  |  | | --- | --- | --- | | **20%: Full credit** | **10%: partial credit** | **No credit** | | Examples chosen are relevant and illustrate the math concepts effectively. | Some examples are relevant, but others are not clearly connected to the concepts. | Examples are irrelevant or not included. | |
| 1. Explanation and Documentation | |  |  |  | | --- | --- | --- | | **20%: Full credit** | **10%: Partial credit** | **No credit** | | Clear, concise explanations accompany the code, making the math and programming concepts easy to understand. | Explanations are provided but lack clarity or detail. | No explanations are provided. | |
| 1. GitHub Submission and Colab Functionality | |  |  |  | | --- | --- | --- | | **10%: Full credit** | **5%: Partial credit** | **No credit** | | Code is saved directly from Colab to GitHub, and “Open in Colab” is visible on GitHub. | Code is on GitHub, but “Open in Colab” is not functioning. | Code is uploaded improperly or cannot be accessed/run from GitHub. | |
| 1. Submission Format and Clarity | |  |  |  | | --- | --- | --- | | **10%: Full credit** | **5%: Partial credit** | **No credit** | | Homework is clearly formatted, with readable code, explanations, and a logical flow. | Formatting is inconsistent or unclear, but still readable. | The submission is difficult to read or poorly organized. | |
| **Total score:** | **100%** |