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| Stage | Description |
| Input | * Starting numbers in the sequence: 1 and 1 * Number of terms to display: 20 |
| Process | * Start the first two numbers, num1 = 1 and num2 = 1 * Use a for loop to generate the next 18 numbers * Compute the next term as the sum of the previous two terms: next\_term = num1 + num2 * Update num1 and num2 for the next iteration * Append each term to the sequence |
| Output | * Display the first 20 numbers in the Fibonacci sequence |