

I.5 Fibonacci Series

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Problem 1. I used Cassini's identity to determine if each number produced in the series is correct. I did this by setting up the Cassini's identity equation to run through all of the numbers in the series and if the left hand side and right hand side (of the identity) were equivalent for the given number of the series, it produced a 'T' in another list, else, it produced an 'F'.

Problem 2. This worked for every element of the series except 0.

Problem 3. It's not an identity but the equation for the Fibonacci Series depends on the starting number, If we didn't place a 0 and 1 in the list to begin, there would have been issues.