

# Fibonacci Sequence 1

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February 13th, 2019

1. To determine if Catalan's identity holds when the initial terms change, I created a for loop that cycled through each element in my list that contained the terms generated from the fibonacci sequence. Each element through the for loop would then enter my conditional statements where it they would be implemented into Cassini's identity. If the term held up, the if statement would append a 'True' into a separate list. If the terms did not hold, the else statement would append a 'False' to the list.
2. All terms after hold after the original pair.

No separate identity was used other then the identities given for the assignment.