The Alice Sequence
CSE 1400 Applied Discrete Mathematics
Spring 2013

The purpose of this exercise is to test your knowledge of the sequence where all terms are equal to 1: The Alice sequence.

1. What is the formula for $a(n)$, the function that defines terms in the Alice sequence?

2. What is the recurrence equation that defines terms in the Alice sequence?

3. What is the sum of the first $n$ terms in the Alice sequence?