Kaylee Hurst

CS 372

Dr. Lewis

Assignment 4

4.

It is not a good idea to run 100 or 1000 disks in the Towers of Hanoi program because the minimum number of moves is found by the equation (2^n)-1 where n is the number of disks. This means when you double the amount of disks, you are not doubling the number of moves, nor the amount of time a function takes, you are instead exponentially increasing the number of moves and time it takes to make the moves.