**Labs 11 and 12: Project Proposal**

**Hanoi Towers.**

Description: There are 3 pegs. The puzzle starts with the disks in a neat stack in ascending order of size on one peg, the smallest at the top. We have to obtain the same stack on the third peg. User inputs an integer, which is the number of disks. Checks to see if either number is 0; must be greater than 0 in order to calculate. This program will be using recursion, in which the program moves the discs from one peg to another repeatedly until the discs from peg A are on peg C, but while retaining the same order. This program, if written in c, would maybe be around 30 lines of code. In assembly, I would guess it to be ~120+ lines of code.