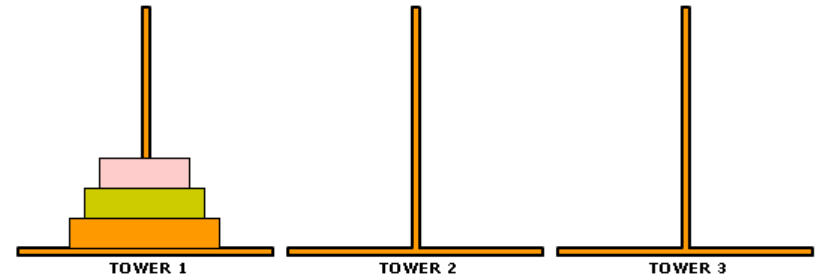


HW5

- ▶ Tower of Hanoi
- ▶ There are three towers and several disks.
- ▶ The disks are on Tower 1 at the beginning where larger disks are at the bottom and smaller disks are at the top.
- ▶ The object of the game is to move all the disks over to Tower 3, but you cannot place a larger disk onto a smaller disk.

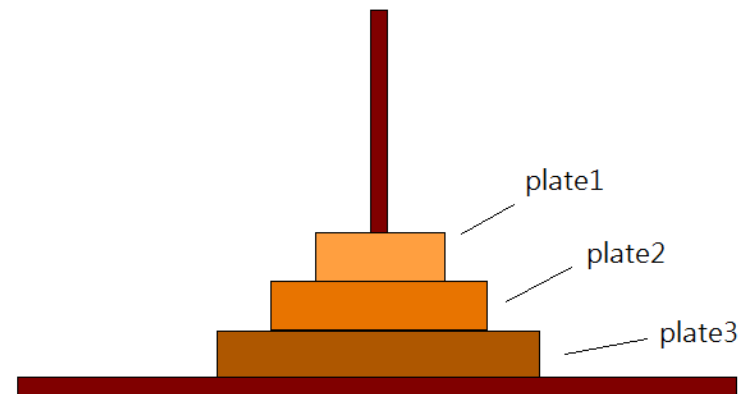


http://en.wikipedia.org/wiki/Tower_of_Hanoi

<http://www.mathsisfun.com/games/towerofhanoi.html>

HW5

- ▶ Users input number of disks at the beginning.
- ▶ Show the initial settings on the screen.
 - by text graph or simply text
- ▶ Show all the moves on the screen
 - Plate 1 move from tower 1 to tower 2
 - Plate 2 move from tower 1 to tower 3
 - ...



HW5

- ▶ If all the disks are on Tower 3, print “WIN!”
- ▶ Show your answers step by step.

