HW5
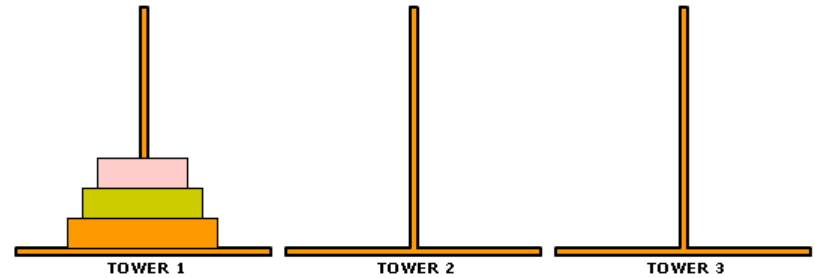
- Filename: HW#_StuID.zip
  - Ex) HW3_Q123456.zip
- Due: next Wed. 23:59:59

HW5

- Tower of Honoi
- 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.
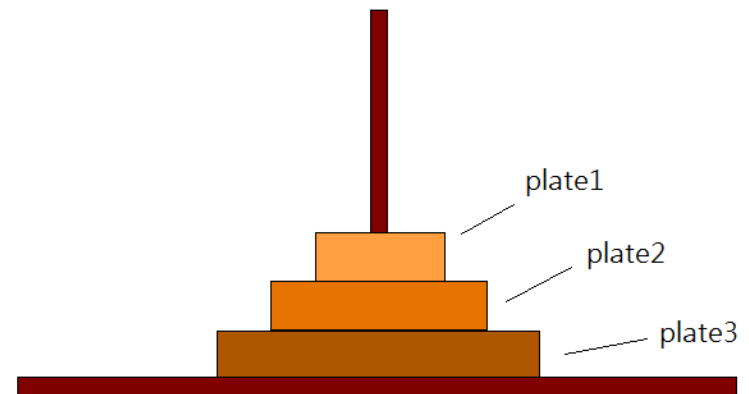
http://en.wikipedia.org/wiki/Tower_of_Hanoi

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
  - …

plate1

plate2

plate3

HW5

- If all the disks are on Tower 3, print "WIN!"

- Show your answers step by step.

TOWER 1   TOWER 2   TOWER 3