**Assignment # 1**

**Tower of Hanoi**

Tower of Hanoi is a mathematical game or a puzzle which consists of 3 rods and n disks of various diameters. Tower of Hanoi puzzle begins with all disks stacked on one rod in decreasing order and the task is to move all these disks on some other rod.

**Problem Description**

Write a C program to solve the Tower of Hanoi Problem.

**Rules of Tower of Hanoi Puzzle:**

* Only one disk may be moved at a time.
* Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack or on an empty rod.
* No disk may be placed on top of a disk that is smaller than it.