Logo, company name

Description automatically generated

Name: Manikanta Mandala.

Sec: CSE-3.

Enrolment No. : 200C2030134

Problem Statement:

Write a program to solve the problem of Tower of Hanoi.   
  
  
Number of Towers and number of rings ( use necessary conditional statement to satisfy the conditions)  
**Rules**  
  
The mission is to move all the disks to some another tower without violating the sequence of arrangement. A few rules to be followed for Tower of Hanoi are −

* Only one disk can be moved among the towers at any given time.
* Only the "top" disk can be removed.
* No large disk can sit over a small disk.

Solution:

If we use recursive method, basically we have three steps in Tower of Hanoi:

STEP1:

Make the largest disc alone in the source tower.

STEP2:

Move the largest disc from source tower to destination tower.

STEP3:

Fill again the destination tower with all other towers

Here the base condition is:

If the move the largest disc to the destination tower in that sub-array(kind off).

Code:

Tower Of Hanoi Class:

A screenshot of a computer

Description automatically generated with medium confidence

Bubble Sort Class:

Text

Description automatically generated

Main class:

Text

Description automatically generated

Input and Output:

A screenshot of a computer

Description automatically generated with medium confidence