public class Disk{

public static void solveHanoi(int n,char source,char auxiliary,char destination){

if(n == 1){

System.out.println("Move disk 1 from"+source+" to "+destination);

return;

}

solveHanoi(n-1, source, destination, auxiliary);

System.out.println(" Move disk "+n+" from "+source+" to "+destination);

solveHanoi(n - 1, auxiliary, source, destination);

}

public static void main(String[] args){

int numDisks=4;

System.out.println("Towers of Hanoi solution for"+numDisks+"disks:");

solveHanoi(numDisks, 'A', 'B', 'C');

}

}