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河內塔

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package com.company;

import java.lang.String;

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.FileReader;

import java.io.\*;

import java.util.Vector;

public class 河內塔{

public static void main(String[] args){

Hanoi(3,"A","B","C");

}

private static void Hanoi(int n, String start, String middle, String end){

if(n == 1){

System.out.println(start + end);

}

else{

Hanoi(n-1,start,end,middle);//將由上至下n-1個盤子移到中間

Hanoi(1,start,middle,end);//將起點的最後一個盤子移到終點

Hanoi(n-1,middle,start,end);//以中間為起點將盤子移到終點

}

}

}