



Tower of Hanoi

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#include<iostream.h>
#include<conio.h>
void towers(int, char, char, char);
void main() {
    int n;
    clrscr();
    cout<<"Enter the number: "<<endl;
    cin>>n;
    towers(n, 'A', 'B', 'C');
    getch();
}

void towers(int n, char source, char aux, char des) {
    if (n == 1) {
        cout<<"move disk 1 from "<<source<<" to "<<des<<endl;
        return;
    } else {
        towers(n - 1, source, des, aux);
        cout<<"move disk "<<n<<" from "<<source<<" to "<<des<<endl;
        towers(n - 1, aux, source, des);
    }
}
```