6. Write a C++ program for Towers of Hanoi.

```cpp
#include<iostream.h>
#include<conio.h>
#include<iomanip.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 start,char aux,char last)
{
        if(n==1)
        {
             cout<<"Move disk 1 from"<<start<<"to"<<last<<endl;
             return;
         }
towers(n-1,start,last,aux);
cout<<"Move disk"<<n<<"from"<<start<<"to"<<last<<endl;
towers(n-1,aux,start,last);
 }
```