```cpp
#include <bits/stdc++.h>
using namespace std;

void tower_of_hanoi(int n,char from,char to,char temp){

    if(n>0){

        tower_of_hanoi(n-1,from,temp,to);

        cout<<"Move "<<n<<" disk from rod "<<from<<" to "<<to<<endl;

        tower_of_hanoi(n-1,temp,to,from);
    }
    else{

        return;
    }

}


int main() {

    int n;
    cout<<"\nEnter Number of disks"<<endl;
    cin>>n;

    //Transfering disks from A to C using B

    tower_of_hanoi(n,'A','C','B');

    return 0;
}


//Output

Enter Number of disks
3
Move 1 disk from rod A to C
Move 2 disk from rod A to B
Move 1 disk from rod C to B
Move 3 disk from rod A to C
Move 1 disk from rod B to A
Move 2 disk from rod B to C
Move 1 disk from rod A to C
```