```
#include<iostream>
using namespace std;
    void TOH(int n,int A,int B,int C){
        if (n>0)
        {
            TOH(n-1,A,C,B);
            cout<<"From "<<A<<" to "<<C<<endl;</pre>
            TOH(n-1,B,A,C);
        }
    }
int main(){
    TOH(16,1,2,3);
    return 0;
}
                   lower of Hanoi
TOH (1, A, B, 4)
                                       1 Disk
TOH(2, A, B, C)
    1. TOH(1, A, C, B)
                                     2 Disk
   2. Move Disk from A to Cury B
   3. TOH(1,B,A,C)
                                                       B
                                    3 Disk
 TOH (3, A, B, C)
    1. TOH(2, A, C,B)
    2. Mov Dist from
    3. TOH (2, B, A, C)
```

