

TOWER OF HANAI

```
#include<stdio.h>
#include<stdlib.h>
Void tower(int,char,char,char);
Void main()
{
    Int n;
    Char a,b,c;
    Printf("\n enter the number of disc :\n");
    Scanf("%d",& n);
    Printf("Tower of hanoi of %d disc \n',n);
    Tower(n,'a','b','c');
}
Void tower (int n,char beg,char aux,char end)
{
    If(n<=0)
        Printf("\n illegal entry");
    Else if (n==1)
        Printf("\n move disc from %c to %c",beg ,end);
    Else
    {
        Tower (n-1,beg,end,aux);
        Tower(1,beg,aux,end);
        Tower(n-1,aux,beg,end);
    }
}
```