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//tower of hanoi
#include<stdio.h>
#include<conio.h>

void hanoi(int n, char A,char B,char C)
{
    if(n==1)

        printf("\n\nMove disk %d from %c to %c",n,A,C);

    else
    {
        hanoi(n-1,A,C,B);

        printf("\n\nMove disk %d from %c to %c",n,A,C);

        hanoi(n-1,B,A,C);
    }
}

void main()
{

    int n;
    char A,B,C;

    clrscr();

    printf("Enter the no. of disks:");
    scanf("%d",&n);

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

    getch();
}
```