

```
#include<stdio.h>
```

```
void TOH( int n, char from , char to , char aux )
```

```
{
```

```
    if(n == 1)
```

```
        printf("\n MOVE DISK 1 FROM PEG %c TO PEG %c", from, to);
```

```
    else
```

```
        {      TOH( n -1, from, aux ,to);
```

```
                printf("\n MOVE DISK %d FROM PEG %c TO PEG %c", n , from , to);
```

```
                TOH( n -1 , aux ,to ,from );
```

```
        }
```

```
}
```

```
int main()
```

```
{
```

```
int n;
```

```
printf("\n\n Enter the number of discs : ");
```

```
scanf("%d", &n);
```

```
if(n<1)
```

```
    printf("\n Wrong input\n");
```

```
else
```

```
{
```

```
    printf(" \n The sequence of moves involved in the Tower of Hanoi are : \n");
```

```
    TOH(n, 'A','C','B');
```

```
}
```

```
}
```