#include <iostream>

**using** **namespace** std;

**void** towerHanoi(**int** n, **char** x, **char** y, **char** z)

{

**if**(n==1)

{

cout<< "Move a disk from post " << x << " to post " << y <<endl;

**return**;

}

towerHanoi(n-1, x, z, y);

cout<< "Move a disk from post " << x << " to post " << y <<endl;

towerHanoi(n-1, z, y, x);

}

**int** main()

{

**int** n;

cout<< "Enter number of disks\n";

cin>>n;

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

**return** 0;

}

