***// TOWER OF HANOI***

#include <stdio.h>

void towerOfHanoi(int n, char from\_rod, char to\_rod, char aux\_rod)

{

if (n == 1)

{

printf("\n Move disk 1 from rod %c to rod %c", from\_rod, to\_rod);

return;

}

towerOfHanoi(n-1, from\_rod, aux\_rod, to\_rod);

printf("\n Move disk %d from rod %c to rod %c", n, from\_rod, to\_rod);

towerOfHanoi(n-1, aux\_rod, to\_rod, from\_rod);

}

int main()

{

int n = 4; *// Number of disks*

towerOfHanoi(n, 'A', 'C', 'B'); *// A, B and C are names of rods*

return 0;

}