#include <stdio.h>

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

if (n == 1) {

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

return;

}

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

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

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

}

int main() {

int n;

printf("Enter the number of disks: ");

scanf("%d", &n);

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

return 0;

}