**汉诺塔问题：**

#include<bits/stdc++.h>

using namespace std;

void hanoi(int n, char start\_, char middle\_, char end\_){

if (!n) return;

hanoi(n - 1, start\_, end\_, middle\_);

printf("pan%d: %c --> %c\n", n, start\_, end\_);

hanoi(n - 1, middle\_, start\_, end\_);

}

int main(){

int n;

printf("please input the number of panzi:");

cin >> n;

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

return 0;

}

