```cpp
void towers(int n, char start, char goal, char aux)
{
    if (n == 1) {
        cout << "Move disk " << n << "from " << start
            << " to " << goal << endl;
    }
    else {
        towers(n-1, start, aux, goal);
        cout << "Move disk " << n << "from " << start
            << " to " << goal << endl;
        towers(n-1, aux, goal, start);
    }
}
```