#include <iostream>

using namespace std;

void printMazePaths(int sr, int sc, int dr, int dc, string psf){

if(sr==dr && sc==dc){

cout<<psf<<endl;

return;

}

if(sc<=dc){

printMazePaths(sr,sc+1,dr,dc,psf+"h");

}

if(sr<=dr){

printMazePaths(sr+1,sc,dr,dc,psf+"v");

}

}

int main(){

int n;

int m;

cin >> n >> m;

printMazePaths(1, 1, n, m, "");

}