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#include<bits/stdc++.h>
using namespace std;

void printSolution(int** solution,int n){
    for(int i=0;i<n;i++){
        for(int j=0;j<n;j++){
            cout << solution[i][j] << " ";
        }
    }
    cout<<endl;
}

void mazeHelp(int maze[][20],int n,int** solution,int x,int y){

    if(x == n-1 && y == n-1){
        solution[x][y] =1;
        printSolution(solution,n);
        solution[x][y] =0;
        return;
    }
    if(x>=n || x<0 || y>=n || y<0 || maze[x][y] ==0 || solution[x][y] ==1){
        return;
    }
    solution[x][y] = 1;
    mazeHelp(maze,n,solution,x-1,y);
    mazeHelp(maze,n,solution,x+1,y);
    mazeHelp(maze,n,solution,x,y-1);
    mazeHelp(maze,n,solution,x,y+1);
    solution[x][y] = 0;
}

void ratInAMaze(int maze[][20], int n){

    int** solution = new int*[n];
    for(int i=0;i<n;i++){
        solution[i] = new int[n];
    }
    mazeHelp(maze,n,solution,0,0);

}

int main(){

}
```