

```

1: //暴力求解法之深宽搜
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3: //2016.5.7
4: #include<iostream>
5: using namespace std;
6: const int N =55;
7: int map[N][N],book[N][N],n,m,fx,fy,tot=2555;
8: int dir[4][2]={{0,1},{1,0},{0,-1},{-1,0}};
9: void dfs(int x,int y,int step)
10: {
11:     int tx,ty;
12:     if(x==fx&&y==fy)
13:     {
14:         if(step<tot) tot=step;
15:         return ;
16:     }
17:     for(int i=0;i<=3;i++){
18:         tx=x+dir[i][0];
19:         ty=y+dir[i][1];
20:         if(tx<1||tx>n||ty<1||ty>m) continue;
21:         if(map[tx][ty]==0&&book[tx][ty]==0){
22:             book[tx][ty]=1;
23:             dfs(tx,ty,step+1);
24:             book[tx][ty]=0;
25:         }
26:     }
27:     return ;
28: }
29: int main()
30: {
31:     cin>>n>>m;
32:     for(int i=1;i<=n;i++)
33:         for(int j=1;j<=m;j++)
34:             cin>>map[i][j];
35:     cin>>fx>>fy;
36:     book[1][1]=1;
37:     dfs(1,1,0);
38:     cout<<tot<<endl;
39:     return 0;
40: }

```