3940节点

做一个输入循环

判断 路径是是否有

输入是否错误

孤岛 孤点

边界

循环处

功能实现

意外的准备

循环出口 返回值出口

找点

多次查询功能

The simplest application in the program is two arrays. The first array will store the distance in each link. The second array will store the nodes passed by between the two nodes. At the beginning, without consideration of medium point, the distance of two points which have link is certain. Meanwhile, the distance of two points which do not have link is infinite.

The iteration is that, the distant of any two point will be changed gradually, with the consideration of point one by one. When the function finishes calling for each point in the map, the first array will store the smallest path of each two points. The second array will store the most closet to one of the two given points. Finally, with the iteration, the second array will show each node in the path between two points.

5. how to deal with some special nodes? For example, the nodes which has no link with other nodes, or the node is just on a closure ring.

问题

datalen为什么1024-1 169

181行需要吗

195怎么实现

216

邻接表

int inputnode1,inputnode2; scanf输入老id

int maxnodenum=0,maxlinknum=0;

int node1id,node2id,pathid; 从link标签中获取老id

double dis;获得距离

char tempstr[DATALEN],tempstr1[80],tempstr2[80],currdir[256];

long nodetable[NODENUM]; 存储的是老id nodenum是新id

double nodeX[NODENUM],nodeY[NODENUM]; xy坐标

double distancenode[NODENUM][NODENUM]; //node diatance from A to B

int path[NODENUM][NODENUM]; //id, path from A to B

int pathtable[PATHNUM],pathfrom[PATHNUM],pathto[PATHNUM]; //link id list // a link is from one node to //another node

pathfrom存储的是新nodeid

8687行更好的写法

27行scanf 建议放到96行后

或150行后

int findstring(char\* str1,char\* str2);

int findstring2(char\* str1,char\* str2);

long trunc2int(char total[], char left[], char right[]);

long trunc2int2(char total[], char left[], char right[]);

long trunc2int3(char total[], char left[], char right[]);

int getnewnodeid(long oldnodeid);

double trunc2float(char total[], char left[], char right[]);

32行

42行删