```cpp
#include"Dijkstra.h"

//检验输入边数和顶点数的值是否有效，可以自己推算为啥：
//顶点数和边数的关系是：((Vexnum*(Vexnum - 1)) / 2) < edge
bool check(int Vexnum, int edge) {
    if (Vexnum <= 0 || edge <= 0 || ((Vexnum*(Vexnum - 1)) / 2) < edge)
        return false;
    return true;
}
int main() {
    int vexnum; int edge;

    cout << "输入图的顶点个数和边的条数：" << endl;
    cin >> vexnum >> edge;
    while (!check(vexnum, edge)) {
        cout << "输入的数值不合法，请重新输入" << endl;
        cin >> vexnum >> edge;
    }
    Graph_DG graph(vexnum, edge);
    graph.createGraph();
    graph.print();
    graph.Dijkstra(1);
    graph.print_path(1);
    system("pause");
    return 0;
}
```