

```

1 // Digraph.cpp -- directed graph class
2 // c. 2017 T. O'Neil
3
4 #include "Digraph.hpp"
5 #include <climits>
6
7 unsigned int Digraph::noVertices(){
8     return numberOfVertices;
9 }
10
11 unsigned int Digraph::noEdges(){
12     return numberOfEdges;
13 }
14
15 void Digraph::resetEdges(){
16     for(int i=0; i < numberOfVertices; i++){
17         for(int j=0; j < numberOfVertices; i++){
18             if(i==j)
19                 distMatrix[i][j] = 0;
20             else
21                 distMatrix[i][j] = INT_MAX;
22         }
23     }
24 }
25
26 void Digraph::addEdge(int source, int dest, int wt){
27     distMatrix[source][dest] = wt;
28 }
29
30 void Digraph::delEdge(int source, int dest){
31     if(source==dest)
32         distMatrix[source][dest] = 0;
33     else
34         distMatrix[source][dest] = INT_MAX;
35 }
36
37 int Digraph::isEdge(int source, int dest){
38
39 }
40
41 int Digraph::dijkstra(int source, int dest){
42
43 }

```