rmehitang@Ralphs-PC:/mnt/c/Users/ralph/Desktop/Lab11$ make

g++ -std=c++11 -c Graph.cpp -g

g++ -std=c++11 -c Main.cpp -g

g++ -std=c++11 instantiation.cpp -o graph -g

rm -rf \*o

rmehitang@Ralphs-PC:/mnt/c/Users/ralph/Desktop/Lab11$ ./graph

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 1

---------------------------------------

what int would you like to add?1

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 1

---------------------------------------

what int would you like to add?2

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 2

---------------------------------------

Vertex 1: 3

Vertex 2: 4

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 2

---------------------------------------

Vertex 1: 6

Vertex 2: 5

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 3

---------------------------------------

What vertex would you like to start at? 3

#2

stack pop 1 dist 0 at time 0

time: 1 finished 1

stack pop 2 dist 0 at time 1

time: 2 finished 2

Distance to 1 is 0

Distance to 2 is 0

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 4

---------------------------------------

#2

stack pop 1 dist 0 at time 0

time: 1 finished 1

stack pop 2 dist 0 at time 1

time: 2 finished 2

Distance to 1 is 0

Distance to 2 is 0

2 1

2 1

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 5

---------------------------------------

#2

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 6

---------------------------------------

nodes 1

nodes 2

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 1

---------------------------------------

what int would you like to add?3

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 2

---------------------------------------

Vertex 1: 5

Vertex 2: 7

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 3

---------------------------------------

What vertex would you like to start at? 5

#3

stack pop 1 dist 0 at time 0

time: 1 finished 1

stack pop 2 dist 0 at time 1

time: 2 finished 2

stack pop 3 dist 0 at time 2

time: 3 finished 3

Distance to 1 is 0

Distance to 2 is 0

Distance to 3 is 0

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 5

---------------------------------------

#3

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 6

---------------------------------------

nodes 1

nodes 2

nodes 3

Menu:

1. Add Node

2. Add Edge

3. Depth First Search

4. Topological Sort

5. Connected Components

6. Print

7. Quit

Please input the option you would like: 7

---------------------------------------

rmehitang@Ralphs-PC:/mnt/c/Users/ralph/Desktop/Lab11$