

ICA340 – Graph Text File

Data Structures and Algorithn CS 244

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Based on the book: Data Structures and Algorithms in C++ (Goodrich, Tamassia, Mount) Some content from Data Structures Using C++ (D.S. Malik)



Graded In-Class Activity: ICA 340

Create a text file that is formatted to work with the below code *File should represent the graph shown*

```
void graphType::createGraph()
```

return;

infile >> gSize; //get the number of vertices
for (int index = 0; index < gSize; index++)</pre>

infile >> vertex; infile >> adjacentVertex; while (adjacentVertex != -999)

graph[vertex].insertLast(adjacentVertex);
infile >> adjacentVertex;

```
} //end while
} // end for
infile.close();
} //end createGraph
```