USE ONE OF THESE ALGORITHMS FOR LAB EXERCISE 11.2

DEPTH FIRST SEARCH TRAVERAL ALGORITHM:

end while

```
DFS(G, v):
    label \nu as visited
    for all edges from v to w in G.adjacentEdges(v) do
        if vertex w is not labeled as discovered then
            recursively call DFS(G, w)
        end if
    end for
BREADTH FIRST SEARCH TRAVERAL ALGORITHM:
BFS(G,v):
      let Q be a queue
      Q.enqueue(v)
      label \nu as visited
      while Q is not empty
         v = Q.dequeue()
         for all edges from v to w in G.adjacentEdges(v) do
             if w is not labeled as visited
                 Q.enqueue(w)
                 label w as visited
         end for
```