CLASS Vertice

value <- value

connectedTo <- []

CLASS Graph

listOfNodes <- []

INSERTEDGE (firstVertice, secondVertice)

//check nodes being connected are in the graph

For I = 1 to listOfNodes

If firstVertice = listOfNodes[i]

firstBool <- True

if secondVertice = listOfNodes[i]

secondBool <- True

if firstBool = True and secondBool = True

firstVertice.connectedTo append secondVertice

secondVertice.connectedTo append firstVertice

else

return False

INSERTNODE (value)

listOfNodes append new Node(value)

g <- new Graph

g.insertnode(5)

g.insertnode(6)

g.insertnode(8)

g.insertedge([6,8])