graphMappings ← { }

CLASS Vertex:

INIT (label, edges)

Label ← label  
 edges ← edges  
 graphMappings [label] ← edges

CLASS Graph:

CREATE (myNodes)

FOR element IN myNodes

Edges ← [ ]  
 quantity ← INPUT  
 FOR b IN quantity

newEdge ← INPUT  
 edges.APPEND(newEdge)

Vertex(element, edges)

NEWNODE (aNode)

Vertex(aNode, [ ])

NEWARC(startNode, endNode)

graphMappings[startNode].append(endNode)

myNodes ← 1,2,3,4,5,6,7,8,9,10