CLASS VERTEX(object)

--INIT—(self, label, edges<-[])

self.label <- label

self.edges <- []

CLASS CREATING-GRAPH(object)

--INIT--(self)

self.graph\_List <- []

ADD-VERTEX(self, v) //v - vertex

Append v to self.graph\_List.

CREATE-EDGES(self, v1, v2) //v1 - vertex1 and v2 - vertex2

for i in self.graph\_List

if v1 in i.edges and i ≠v2

pass

else

append v1 to i.edges

if v2 in i.edges and i ≠v1

pass

else

append v2 to i.edges

DISPLAY-THE-RESULT()

for i in graph.graph\_List