/\*

dfs(node)

if node = visited

return

node = visited

newly visited = node

for n in adj : node

if n = not visited

n = visited

newly visited = newly visited + n

finished = finished + node

return newly visited

for node in nodes

dfs(node)

graph = transpose(graph)

for node in finished

{

newly visited = dfs(nodes)

groups = groups + newly visited

nodes = nodes - newly visited

}

\*/