```
set variable (nodes visited) as an empty list
set variable (nodes to be visited) as list with Node A
for each (current node) in (nodes to be visited)
    add variable (current node) as to list (nodes visited)
    set variable (connected nodes) as nodes tied to (current node)
    for each (node) in (connected nodes)
        if (node) not in (nodes visited)
            add variable (node) as to list (nodes to be visited)
```