```
set variable (start node) as A
set variable (current node) as (start node)
set variable (visited nodes) as empty list
for (step) times
    add (current node) to (visited nodes)
    set variable (neighbours) as all nodes connected to (current node) excluding (visited nodes)
    set variable (current node) as a randomly chosen one from list (neighbours)
print Starting from (start node) random walk took us to (current node)
```