

set variable **nodes visited** as an empty list

set variable **nodes to be visited** as a list with node A

while **nodes to be visited** has items

add variable **current node** to list **nodes visited**

remove variable **current node** from list **nodes to be 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** to list **nodes to be visited**

