

depth-first search of **node**, **looked-for**, **visited nodes**

if **node** is **looked-for**

return **True**

if **node** is in **visited nodes**

return **visited nodes**

append **node** to list **visited nodes**

for each **neighbour** in nodes connected to **node**

set variable **items visited** as value of function **depth-first search** with inputs **neighbour**, **looked-for**, **visited nodes**

if **items visited** is **True**

return **True**

set variable **visited nodes** as **items visited**

return **visited nodes**