Algorithm dfs (noot) Input: The most of the tree

output: words printed in alphabetical order

words: = an empty stack push most to the stack mark noot as visited while stack is not empty:
node = words pops if node has no children: print stock words

for child node of node:

if child node not visited:

mark child node visited push child node to words

4	H) Algorithm bfs (400t)
	Input: noot node
	Output: words printed sorted by lingth
	plords := an empty quelle
	enqueue noot to words
	mark root as visited
	vehile queue is not emply:
	node = words. dequeue ()
	if node has no children:
	print que words
	for died node of node:
	if child nothe not visited:
	mark child node visited
	may child node visite
2	enqueue child node to w
	less the prevent blish and

	11, U, V, G
6	Olgorithm of (4,0,6)
	Input: edge (u, v) and asaph 6
	output: True of edge is a bridge, false otherwise.
	If u or v have no adjacent vertices:
	return false
	Path := empty stack
	push u to path
	mark u and v as visited
	vehile Stack != empty:
	and node = path.pop()
	if node is not u and adjacent vertex is
	return false
	for adjacent verten of node:
	if adjacent vertex not visited:
	mark adjacent verten visited
	push adjacent verten to path
	return true
	O(m+n)