Given a matrix of characters and a string, find whether the string can be obtained from the matrix. From each character in the matrix, we can move up/down/right/left. for example, if the matrix[3][4] is

o f a s  
  
l l q w  
  
z o w k

and the string is follow, then the function should return true.

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Given a binary tree

1  
 / \  
 2 3  
 / \ / \  
 4 5 6  
 / \ / \ / \  
 7 8 9 10   
 Needed to connect the nodes vertically  
 1  
 / | \  
 2 | 3  
 / | \ | / | \  
 4 | 5 | 6  
 / \ | / \ | / \  
 7 8 9 10   
Assume each tree node has an additional pointer   
(struct node\* vertical)