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**Algorithm** Prints the elements in the level order fashion **Line By Line**

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**Require:** A non empty tree

**Ensure:** Each level is printed in a different line and one queue is used (with no *marker*)

```
1: function LEVEL_ORDER_TRAVERSAL(root)  
   ▷ Queue stores the pointers of the nodes.  
  
2:   queue.push(root)  
3:   while Queue is not empty, do  
4:     Print(Here comes a new level)  
5:     size  $\leftarrow$  queue.size  
6:     for i = 1 : size do  
7:       current_node  $\leftarrow$  queue.front  
8:       queue.pop  
9:       Print(current_node.data)  
10:      if Left Child Exists then  
11:        queue.push(current_node.left)  
12:      if Right Child Exists then  
13:        queue.push(current_node.right)  
14:      Print(This level has been printed)  
  
15:   Print(Level Order Traversal finished)
```

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