Solution 1

```go
1   // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3   package main
4
5   type Node struct {
6     Name      string
7     Children []*Node
8   }
9
10  // O(v + e) time | O(v) space
11  func (n *Node) BreadthFirstSearch(array []string) []string {
12    queue := []*Node{n}
13    for len(queue) > 0 {
14      current := queue[0]
15      queue = queue[1:]
16      array = append(array, current.Name)
17      for _, child := range current.Children {
18        queue = append(queue, child)
19      }
20    }
21    return array
22  }
23
```

Solution 1   **Solution 2**   **Solution 3**

```go
1   package main
2
3   // Do not edit the class below except
4   // for the breadthFirstSearch method.
5   // Feel free to add new properties
6   // and methods to the class.
7   type Node struct {
8     Name      string
9     Children []*Node
10  }
11
12  func (n *Node) BreadthFirstSearch(array []string) []string {
13    // Write your code here.
14    return nil
15  }
16
```

Run or submit code when you're ready.