```cpp
 1  #ifndef EX02_LIBRARY_H_
 2  #define EX02_LIBRARY_H_
 3
 4  #include <set>
 5  #include <deque>
 6  #include <string>
 7
 8  //*******************************************************************
 9
10  struct Node {
11      std::string name;
12      Node * left;
13      Node * right;
14  };
15
16  //*******************************************************************
17
18  using DQST = std::deque<std::string>;
19  using SETStr = std::set<std::string>;
20
21  void computeParentNodes(Node * n, SETStr & parents);
22  void computeMembersOfSubTree(Node * n, SETStr & members);
23
24  // Improved functions
25  void computeParentNodes(Node * n, DQST & parents);
26  void computeMembersOfSubTree(Node * n, DQST & members);
27
28  // Printing functions
29  void printSet(std::set<std::string> s);
30
31  template <typename T>
32  void printTree(T s) {
33      if (s.size() == 0)
34          std::cout << " No nodes\n";
35      else {
36          for (auto it = s.begin(); it != s.end(); ++it)
37              std::cout << ' ' << *it << '\n';
38      }
39      std::cout << "\n";
40  }
41
42  #endif
```