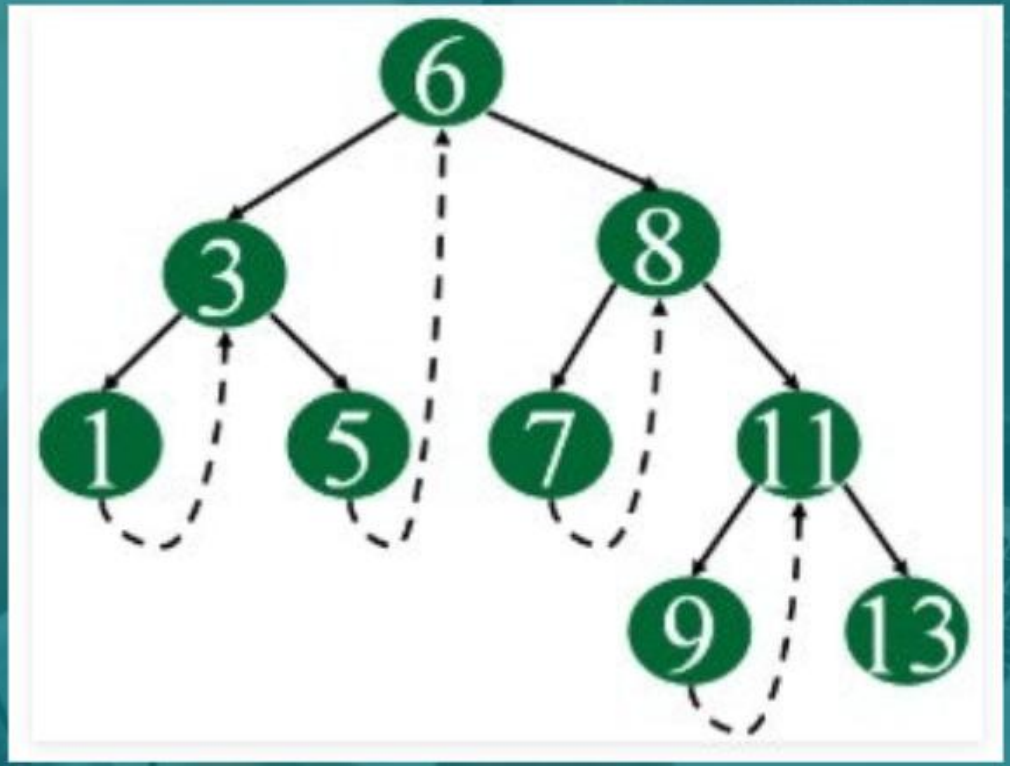
QUESTION #9

THREADED BINARY TREE

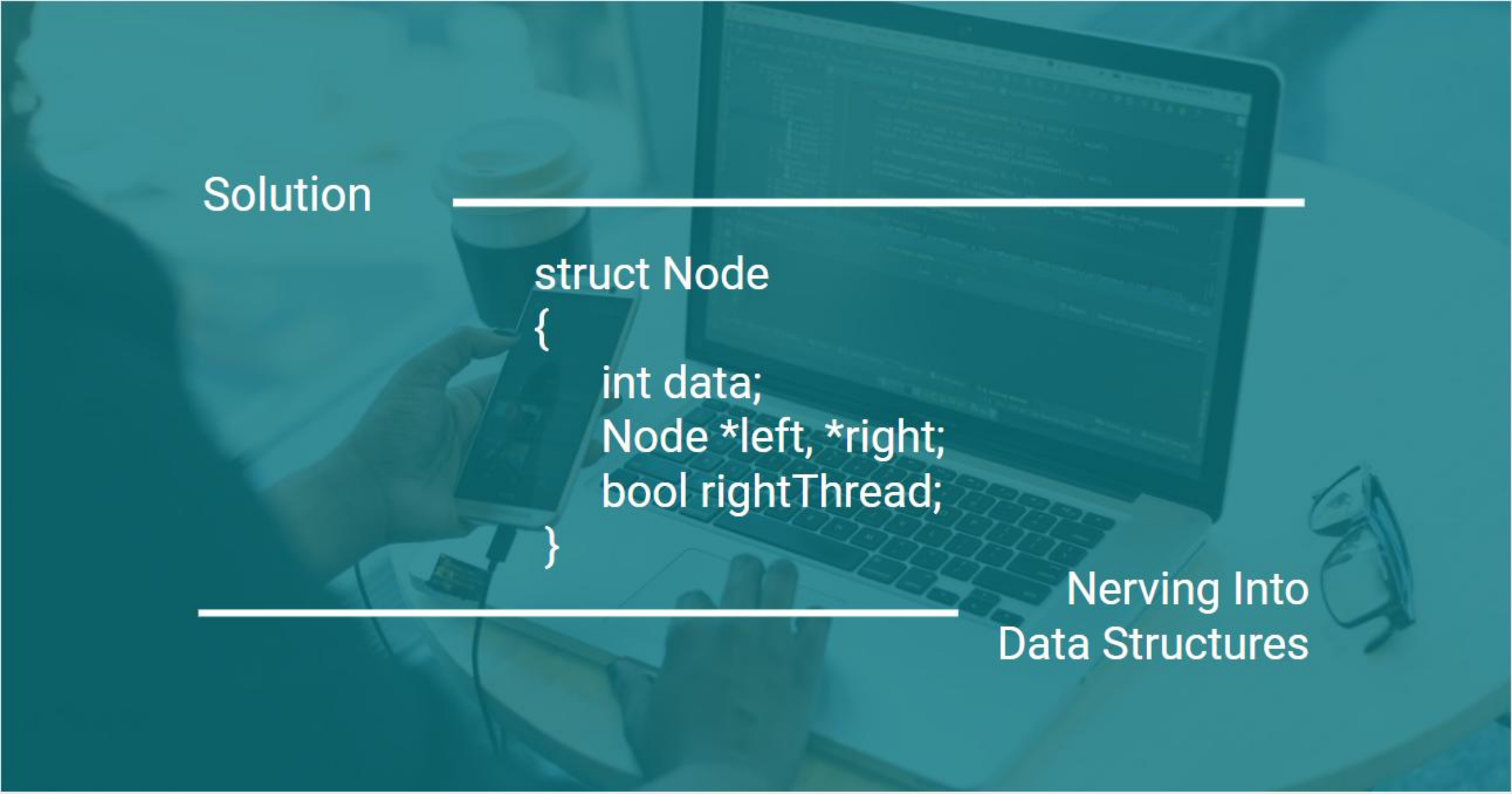
Convert binary tree into threaded binary tree.

TREES

Solution



Nerving Into
Data Structures



Solution

```
struct Node
{
    int data;
    Node *left, *right;
    bool rightThread;
}
```

Nerving Into
Data Structures

Solution

Setting NULL right pointers to inorder successor.

1. Do an inorder traversal of the tree,
   store it in a queue (we can use a simple array also) so that the inorder successor becomes the next node.
2. Again do an inorder traversal,
   if (Current_node->right == NULL),
   Current_node->right=Queue[front]
3. Set isThreaded(boolean variable) = true, indicating that the right pointer is a threaded link.