

SYMMETRIC TREE

Problem asks us to return true if a tree is symmetric along its central vertical

Almost the same solution as checking for identical trees but this time we run it on the left and right subtree of root

Pseudocode :

```
isMirror (Node * p, Node * q) {  
    if (p == NULL && q == NULL) {  
        return true ;  
    }  
    if (p == NULL || q == NULL) {  
        return false ;  
    }  
    return (p->val == q->val) &&  
           isMirror(p->right, q->left) &&  
           isMirror(p->left, q->right) ;  
}
```

```
symmetricTree (Node * root) {  
    return isMirror(root->left, root->right) ;  
}
```