

## BST in-order traversal (iteration not recursion)

```
public void inorderIteration(Node<E> root) {  
    if (root != null) {  
        Stack<Node<E>> stk = new Stack<>();  
        HashSet<Node<E>> visited = new HashSet<>();  
        Node<E> temp = root;  
        stk.push(temp);  
        while (!stk.isEmpty()) {  
            temp = stk.pop();  
            if (visited.contains(temp))  
                System.out.print(temp.value + " ");  
            else {  
                if (temp.right != null)  
                    stk.push(temp.right);  
                stk.push(temp);  
                visited.add(temp);  
                if (temp.left != null)  
                    stk.push(temp.left);  
            }  
        }  
    }  
}
```