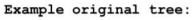Tree Flipping

Assume a binary tree. Write a flip method that takes the node which the mirror image of the tree will start from, if no parameter is sent to the function the default value will be the root node.

- Implement your algorithm as a function [void flip(Node* node = root)] (5 marks)
- Write five test cases for your application and run them correctly (5 marks)

Example original tree:
```
        1
       / \
      2   3
     / \
    4   5
```

Example new tree:
```
        1
       / \
      3   2
         / \
        5   4
```