

Invert Binary Tree

Invert a binary tree.

Example:

Input:

```
      4
     / \
    2   7
   / \ / \
  1  3 6  9
```

Output:

```
      4
     / \
    7   2
   / \ / \
  9  6 3  1
```

Trivia:

This problem was inspired by [this original tweet](#) by [Max Howell](#):

Google: 90% of our engineers use the software you wrote (Homebrew), but you can't invert a binary tree on a whiteboard so f*** off.