3.2. Assignment Red Black tree (Part 2)

# 1. Merge red nodes into their black parents. Is it a 2-3-4 tree?

A diagram of a binary code

Description automatically generatedA diagram of a tree

Description automatically generatedAfter merging red nodes into their black parent, the tree will look like this:

This tree is a 2-3-4 tree

# 2. Convert the below 2-3-4 tree into a red black tree

A diagram of a tree

Description automatically generated

# Insert 15 into the below red black tree.

A diagram of a network

Description automatically generatedA diagram of a tree

Description automatically generated