

# Problem Description

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## Certification:

Extend your implementation of a Red–Black BST by adding the following methods:

### 1. **is23()**

- Check that no node is connected to two red links (i.e. no node has two red children).
- Ensure there are no right-leaning red links (red links must lean left).

### 2. **isBalanced()**

- Verify that every path from the root to a null link (leaf) has the same number of black links.

### 3. **isRedBlackBST()**

- Combine the above methods with an **isBST()** check (to confirm the binary search tree property) so that this method confirms the tree is a valid Red–Black BST.

A main method (or main block in Python) is provided that builds a test tree, calls these methods, and uses simple if/else conditions to output whether the tree satisfies the required properties.