## CSI33: AVL trees in-class practice

1) Consider the tree below. The AVL property is violated at the root. This happened after value 3 was inserted into the tree. Re-balance the tree.


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2) Consider the tree below. The AVL property is violated at the root. This happened after value 15 was inserted into the tree. Re-balance the tree.


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2) Consider the tree below. The AVL property is violated at the root. This happened after value 15 was inserted into the tree. Re-balance the tree.
parent


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2) Consider the tree below. The AVL property is violated at the root. This happened after value 15 was inserted into the tree. Re-balance the tree.


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3) Consider the tree below. The AVL property is violated at the node with value 5 . This happened after value 1 was inserted into the tree. Re-balance the tree.


1
just inserted (and it violates AVL property)

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3) Consider the tree below. The AVL property is violated at the node with value 5 . This happened after value 1 was inserted into the tree. Re-balance the tree.
AVL property fails at this node 10

1
just inserted (and it violates AVL property)
