

## Quiz 8 (Nov 8)

By taking this quiz, you agree to adhere to the honor code of the class.

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Name:

netid:

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Write your name and netid on **both** sides of the paper. Write your solution **first on this side**. If space is not enough, write to the other side. You can ask for extra paper if necessary.

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Name:

netid:

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Add the numbers 1 through 10 sequentially to an AVL tree. After each insertion, draw the AVL tree, showing any necessary rotations to maintain its balanced property. While you may have scratch work on your page, highlight the final balanced AVL tree after each iteration.

**Hint:** Be especially careful when adding the number 6, as it may require rebalancing!

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