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J00813814

# Q1

A screenshot of a tree

Description automatically generated

# Q2

A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generated

# Q3

A screenshot of a cell phone

Description automatically generated

# Q4

A screenshot of a cell phone

Description automatically generated

# Q5A screenshot of a cell phone

Description automatically generated

A picture containing text

Description automatically generated

Algorithm Comparison:

The time complexity of my selection sort algorithm is O(n^2) due to the double for-loop. The R^2 equation equals one, therefore I assume it takes approximately one minute to run the code. The Y equal value seems random to me and I don't see how it has something to do with the time complexity of the code.c