

Introduction to Algorithms

#ProblemSolved

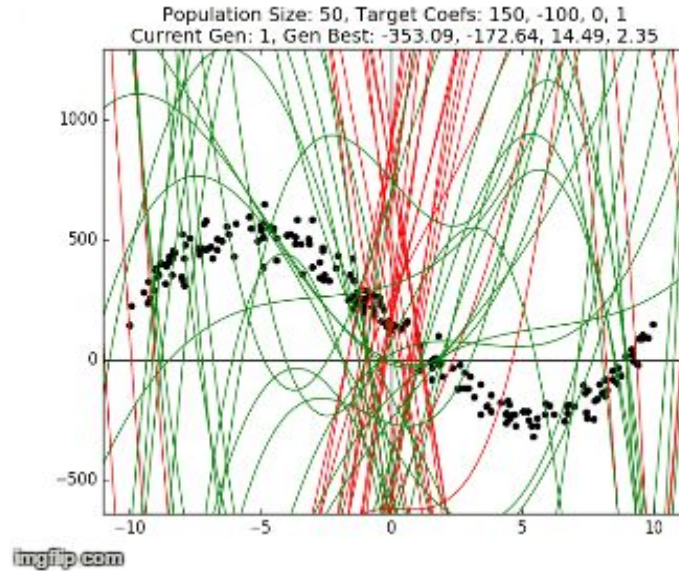
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FOCUS ON THE CONCEPTS!!!

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What are Algorithms?

A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer.



How to Solve Problems

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COMPREHEND!

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Consume the Problem until Comfortable

To solve, you must first understand the problem, even if that means reading the problem 10 times.



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Break It down

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Inch By Inch, Life's a cinch

Sometimes You've got to stop looking at the entire forest, and start looking at the trees.

Break the problem down into manageable pieces.



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PSEUDOCODE!!!!

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This code is #FUGAZI

In computer science, pseudocode is an informal high-level description of the operating principle of a computer program or other algorithm. It uses the structural conventions of a normal programming language, but is intended for human reading rather than machine reading



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Code!!!!

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USE YOUR TOOLS

Whip out those tools and see what you can do. Remember....

1. Make it Work
2. Make it Right
3. Make it Fast



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