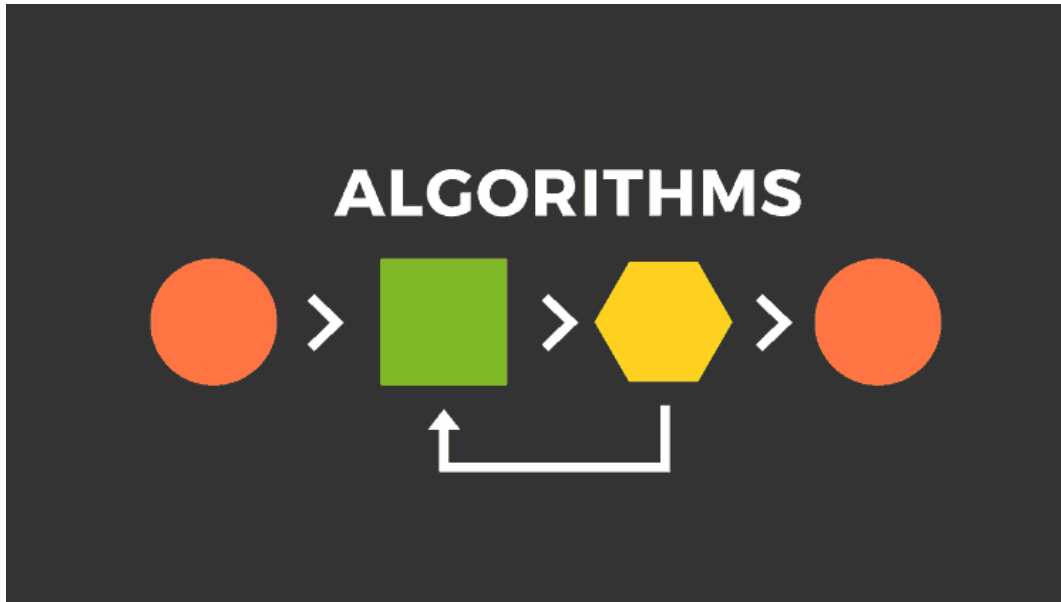


⚡ Current Skill Introduction to Algorithms and its elements

Introduction of Algorithm

Welcome to our algorithms and course !



This course is for computer science student or any one who want to lean basics of algorithms. It also helps for job interviews.

Big companies ask data structures and algorithms questions to see if you know how to think like programmer and how to design fast and scalable algorithms.

We will not use any program language because the purpose is to **focus about logic, not on syntax**.

Eefore we start, let's talk about the necessity of the algorithms.

Algorithms and logical thinking is a cornerstone in software engineering, so to be a better problem solver and developer, the first thing to do is to learn algorithmic thinking.

One more important note, during this course we are not going to concentrate on the programming languages or the syntax of any language, but the most important part is to learn how to logically think to make an optimized and scalable algorithms

During this chapter, we are going to learn:

What's the structure of an algorithm?

What are the variables and their identifiers?

What are the types of variables?



What is sequential processing?

What is selection processing?

What is iterative processing?



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