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Fundamentals Of Data Structures in C

This chapter explains the basic terms related to data structure. Data Definition. Data Definition defines a particular data with the following characteristics. Atomic – Definition should define a single concept. Traceable – Definition should be able to be mapped to some data element. Accurate – Definition should be unambiguous.

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ADT 1.1: Abstract Data Type NaturalNumber ADT

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Some of the more commonly used data structures include lists, arrays, stacks, queues, heaps, trees and graphs. The way in which the data

is organized affects the performance of a program for different tasks. Data structures are generally based on the ability of a computer to fetch and

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