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Data Structures in C are used to store data in an organised and efficient manner. The C Programming language has many data structures like an array, stack, queue, linked list, tree, etc. A programmer selects an appropriate data structure and uses it according to their convenience. Let us look into some of these data structures: Array; Stack ; Queue

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Data Structures Using C++ Author Name: D.S Malik Edition: Second Edition Publisher: Cengage Learning Pages: 945 pages Size: 5.27 MB Type: Text Book Description: Now in its second edition, D.S. Malik brings his proven approach to C++ programming to the CS2 course.

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A data structure is a particular way of organizing data in a computer so that it can be used effectively. For example, we can store a list of items having the same data-type using the array data structure. Array Data Structure. This page contains detailed tutorials on different data structures (DS) with topic-wise problems.

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C/C++ arrays allow you to define variables that combine several data items of the same kind, but structure is another user defined data type which allows you to combine data items of different kinds. Structures are used to represent a record, suppose you want to keep track of your books in a library. You might want to track the following attributes about each book – Title; Author; Subject; Book ID; Defining a Structure. To define a structure, you must use the struct statement.

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Reema Thareja (Author of Computer Fundamentals and Programming in C) This second edition of Data Structures Using C has been developed to provide a comprehensive and consistent

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