



What is Data Structure ?

Data may be organized in logical or mathematical model of a program using particularly function is call organized data. The organized collection of data is called a 'Data Structure'.

OR

Data structure is collection of data and function Model to Store, Retrieve data using Function.

Primitive Data structures are directly supported by the language and in-build in programming lang.

Non-primitive data types are not defined by the programming language, but created by the programmer or user.

Linear data structures organize their data elements in a sequential, where data elements are attached one after the other.

Nonlinear data structures, data elements are not arranged in a sequential fashion and they follow hierarchical fashion. Data structures like multidimensional arrays, trees, graphs, tables and sets are some examples of widely used nonlinear data structures.