

Data Structure Interview Questions and Answers Pdf

Question: 1

What is an array?

It is a collection of homogeneous data elements referred to by a common name, where individual elements are accessed using a subscript.

Question: 2

What is a pointer variable?

It is a variable whose value must be an address or NULL.

Question: 3

What is a queue?

It is a linear list in which elements are added only to the rear of the list and are removed only from the front of the list.

Question: 4

What is sorting?

It is the process of arranging a collection of keys (and records) into a specified order.

Question: 5

What is a stack?

It is a linear list in which the elements are added to and removed from only the top of the list.

Question: 6

What is a tree?

It is acyclic, simple and connected graph.

Question: 7

What is a database?

It is a collection of logically related data that supports controlled shared access to multiple users and programs.

Question: 8

What is a buffer?

It is an area of storage reserved for use in performing I/O operations, into which data is read and from which data are written; used to compensate for a difference in the rate of flow of data between devices, for example, between a CPU and a peripheral.

Question: 9

What is a relative addressing?

It is a technique for mapping records to storage whereby a key value is mapped to the record's ordinal position in the file.

Question: 10

What is a sequence set?

The leaves of a B^+ -tree.