C, C++, Java (core-adv) OCJP, Oracle DBA OCP, Developer, Asp.Net, VB.Net, C data-file structure (DFS), Html, Dhtml, Java Script, Red Hat Linux-RHCSA, RHCE, Sql Server 2012 DBA training from experts

C Programming   (22 hours)

Contents:

1. Introduction to programming& Basics of C: Process of compilation, Generation of languages, Basic features of C Language like Identifier, Keywords, Variable, data types, Operators and Expression. Basic screen and keyboard I/O

2.Control Statements: Test Conditions, Conditional execution and selection, Iteration and Repetitive Executions, Nested loops.

3. Arrays: Introduction to contiguous data types. One dimensional arrays, multidimensional arrays, Array as strings, multidimensional character arrays. Operations on strings.

4. Functions: Concept of modular programming, Using functions, Scope of data, Recursive functions. Command line arguments.

5. Pointers: Need of pointer, Types and uses of pointer, Array and Pointers, Pointers and strings, Pointer to Pointer, Pointers and functions, other aspect of pointers.

6. User Defined Data Types: Introduction to structures, usage of structure, nested structures, Union and its usage, Enumeration types, bit fields.

7. Files: Types of files, working with files, usage of file management functions.

8. Linked List: Introduction to dynamic memory allocation, singly link list, operations on singly link list.

9. Other features of C: Bitwise operators and its usage, C Preprocessor statements.

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