

cprogramming

Variables and Keywords

- 1.Character Set
- 2.Identifier
- 3.Variable
- 4.Keywords
- 5.Escape Sequence Characters

Constants

- 1.Real Constant
- 2.Integer Constant
- 3.Character Constant
- 4.String Constant

Data Types

- 1.Data Types
- 2.Qualifier
- 3.Enum
- 4.Typedef

Operators

- 1.Assignment Operator
- 2.Arithmetic Operators
- 3.Logical Operators
- 4.Relational Operators
- 5.Switch Case
- 6.Nested If-Else
- 7.If-Else Statement
- 8.If-Statement
- 9.Operator Precedence and Associativity
- 10.Bitwise Operators
- 11.Conditional / Ternary Operator
- 12.Unary Operators
- 13.Shorthand Operators

Looping Statements

1. Looping Iterative Statements
2. While
3. do while
4. for loop
5. Break Statement
6. Goto
7. Continue Statement

Functions

1. Function call by passing value
2. Function call by returning value
3. Function call by passing and returning value
4. Recursion

Storage Classes

1. Storage Classes
2. Automatic Storage Class (auto)
3. Register Storage Class (register)
4. Static Storage Class (static)
5. External Storage Class (external)

Arrays

1. Array
2. Single / One Dimensional Array
3. Two Dimensional Array

Structures

1. Structure
2. Array in Structures
3. Structure with Array
4. Difference between array and structure

Pointers

1. Pointer Operator and Operations

- 2.Changing an Argument With a Function Call
- 3.Pointer Arithmetic
- 4.String Functions With Pointers
- 5.Relationship Between an Array and a Pointer
- 6.Two Dimensional Array of Pointers V/s Array of Pointers
- 7.Pointers to Pointers

Unions

- 1.Union
- 2.Difference between structure and union
- 3.Strings
- 4.File Handling

Header Files

- 1.Assert.h
- 2.Ctype.h
- 3.Math.h
- 4.Process.h
- 5.String.h
- 6.Time.h