

LECTURE NOTE
on
PROGRAMMING IN “C”
COURSE : BCA I-Sem

By
Asst. Professor Shweta V D

SYLLABUS

Module –I

C Language Fundamentals.

Character set, Identifiers, keyword, data types, Constants and variables, statements, expression, operators, precedence of operators, Input-output, Assignments, control structures decision making and branching.

Module -II

Arrays, Functions and Strings: Declaration, manipulation and String – handling functions, monolithic vs. Modular programs, user defined vs. standard functions, formal vs. actual arguments, function – category, function prototypes, parameter passing, recursion, and storage classes: auto, extern, global, static.

Module –III

Pointers, Structures, Unions, File handling:

Programming Tutorials And Lecture Notes

Bernard De Neumann, Dan Simpson, Gil Slater

Programming Tutorials And Lecture Notes:

S. Chand's ICSE Commercial Applications for Classes 9 Dr. S. Rajesh, S Chand s ICSE Commercial Applications for Classes 9

Tutorial Programming Productivity Capers Jones,1986 This tutorial volume on productivity issues for the eighties attempts to place programming in context with other disciplines and address five major topics programming measurements programming life cycle analysis programming equipment and design methods programming environmental and the new science of software Abstract Reasoning Web Pedro Barahona,François Bry,Enrico Franconi,Nicola Henze,Ulrike Sattler,2006-08-29 This book presents thoroughly arranged tutorial papers corresponding to lectures given by leading researchers at the Second International Summer School on Reasoning Web in Lisbon Portugal in September 2006 Building on the predecessor school held in 2005 and published as LNCS 3564 the ten tutorial lectures presented provide competent coverage of current topics in semantic Web research and development *ACM SIGGRAPH '89 Course Notes*,1989

Formal Models and Semantics Bozzano G Luisa,2014-06-28 The second part of this Handbook presents a choice of material on the theory of automata and rewriting systems the foundations of modern programming languages logics for program specification and verification and some chapters on the theoretic modelling of advanced information processing

Introduction to C++ Paul Gent,2017-07-12 An easy to read introduction to programming in C which assumes some basic programming knowledge Illustrated throughout with code samples and includes suggested tutorial exercises without solutions for review purposes Based on slides written to deliver Introduction to Programming in C C 101 *Foundations of Security Analysis and Design II* Riccardo Focardi,Roberto Gorrieri,2004-01-24 Security is a rapidly growing area of computer science with direct and increasing relevance to real life applications such as Internet transactions e commerce information protection network and systems security etc Foundations for the analysis and design of security features of such applications are badly needed in order to validate and prove their correctness This book presents thoroughly revised versions of six tutorial lectures given by leading researchers during two International Schools on Foundations of Security Analysis and Design FOSAD 2001 2002 held in Bertinoro Italy in September 2001 and September 2002 The lectures are devoted to Formal Approaches to Approximating Noninterference Properties The Key Establishment Problem Name Passing Calculi and Cryptoprimitives Classification of Security Properties Network Security Cryptographic Algorithms for Multimedia Traffic Security for Mobility

Mathematical Structures for Software Engineering Bernard De Neumann,Dan Simpson,Gil Slater,1991 This volume is concerned with the application of formal mathematical methods in software engineering As the design writing and testing of software becomes a major sector of economic activity the need for rigorous techniques has also grown The papers in this book are devoted to various mathematical structures which find use in aspects of software design and they cover topics such as the formal specification of systems the design of communications software and concurrent processing All the contributors are experts in their respective fields As a result this collection provides a timely survey of this

Unveiling the Magic of Words: A Overview of "**Programming Tutorials And Lecture Notes**"

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