C & C++ Training program

We are the best providers of C , C++ Training in Patna with excellent placements. Our C & C++ Training program is very much mixed both practical and interview point of questions.

After completing this module you are ready to:
➔ Appear exams on C,C++ and java under any technical university of India.
➔ Develop Desktop applications, Networking & Multi-threaded programs in java.
➔ Update yourself with Advance frameworks of C, C++ and java.

Why C,C++ and Java at CSDT
➔ Industry Compliant Syllabus
➔ Product Based Training
➔ Use of Latest Tools & Technology
➔ Faculties drawn from Industries
➔ Workshops on New Technologies

➔ Multi-Platform Demonstration
➔ Real-Time Case Studies
➔ Unlimited Lab facility
➔ Daily Handouts & Lab Exercise

C Programming Language developed for the UNIX operating system by **Dennis Ritchie** in 1972 at AT&T Bell Labs in USA. The C programming language is a popular and widely used programming language for creating computer programs. It is the basic for all programming languages. It is Top Down programming approach. Program is divided into functions in C. It is the combination of two older languages BCPL and B. By giving the perfect C , C++ and Java Training in Patna we differ very much from others.
===========================**Features:** ===========================
some of the features of C Programming are modular programming language, portable and recursive.
If you are a programmer, or if you are interested in becoming a programmer, there are a couple of benefits you gain from **learning C**: You will be able to read and write code for a large number of platforms — everything from microcontrollers to the most advanced scientific systems can be written in C, and many modern operating systems are written in C.

The jump to the object oriented **C++ language** becomes much easier. C++ is an extension of C, and it is nearly impossible to learn C++ without learning C first. By the expert guidance in learning C ,C++ and Java Training in Patna we can proudly say we are the top providers.
C++ developed in 1980 at AT&T Bell Lab by **Bjarne Stroustrup**. C ++ is an Objected Oriented Programming Language which has features like Class, Object, Data Encapsulation, Data Abstraction, Inheritance, Polymorphism and Message Passing. C++ is a Bottom Up Approach and program is divided into objects. C++ is the basic for Object Oriented Programming Language.

The **Core Java** technologies and application programming interfaces (APIs) are the foundation of the Java Platform, Standard Edition (Java SE). They are used in all classes of Java programming, from desktop applications to Java EE applications. Java is a programming language created by **James Gosling** from Sun Microsystems in 1991. The first publicly available version of Java (Java 1.0) was released in 1995.
Over time new enhanced versions of Java have been released. The current version of Java is Java 1.7 which is also known as Java 7.

The programming language is artificial language designed to express computations can be performed on the machine, including a computer. Programming languages created several programs that control the behavior of the machine, to express algorithms precisely, or as any form of human communication are assigned.

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Corporate Software Development Training Centre(csdtitsolution.com)
Call: 08986023283

===The following topics are covered in our C , C++ and Java **Training in CSDT Patna====**

C Training Syllabus   Duration:1 months   fee: 2000 only

Introduction (• The Structure of a C Program • Writing C Programs • Building an Executable Version of a C Program • Debugging a C Program • Examining and Running a C Application Program)

Data Types and Variables (• Data Types   • Operands, Operators, and Arithmetic Expressions)

Input/ Output Management (• The Input/ Output Concept • Formatted Input Function)

Control-Flow Statements

• The Control-Flow Program Statements • Looping Statements • The Data-checking process)

Modular Programming with Functions

• The C Function • Passing Data to Functions • Passing an Address to Modify a Value in Memory

• Using Functions in the Checkbook Program   • C Standard Library Functions

Arrays, Pointers, Strings ,Structures (• Structures • Arrays of Structures • Passing Structures to Functions • Nesting Structures)

File Input/Output (• Command-line Arguments   • Combining Command-line)

C++ Training Syllabus   Duration:1 months   fee: 3000 only

Introduction to C++ (• Creating a project   • Writing, compiling and running a program)

Variables and data types (• Expressions   • Constants   • Operators   • Type conversions)

Looping constructs: while, do...while, for loops (• If…else statements   • Switch/case construct)

Functions (• Passing arguments • Function prototyping • Default argument initializers • Inline functions)

Arrays (• Array initialization • Multi-dimensional arrays • strings ,Storage Classes   • Global variables)

Pointers (• Pointer and arrays • Pointers to strings • Arrays of pointers • Pointers to functions)

C++ classes (• Data members and member functions • Creating objects • The new and delete operators • Friends to a class   • Class initialization, **constructor**)

Reference types (• Reference type arguments) ,**Function overloading** (• Operator overloading)

Template classes (• Static class members   • File streams) ,**Inheritance ,Virtual functions**, **Virtual base classes , Exception handling** (• try…throw…catch block   • Nested catch handlers)