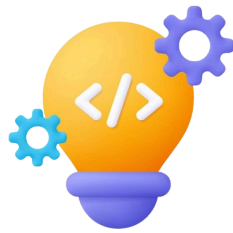




JP TECH INSTITUTE

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ISO : 9001-2015



PROGRAMMING LANGUAGE COURSE

LEARN WITH US
Be a programmer

- **PYTHON**
- **JAVA**
- **C & C++**
- **FULL STACK**



MORE INFO

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Why to learn programming

Learning programming empowers students with problem-solving skills, logical thinking, and creativity. It opens doors to high-paying careers in technology and innovation. Plus, coding helps build apps, games, and websites, making ideas come to life! 🚀



Python

Python is a beginner-friendly, high-level programming language known for its simplicity and versatility. It is widely used in web development, data science, AI, and automation. 🚀

- ⇒ Introduction to Python
- ⇒ Basic Python Syntax
- ⇒ Control Flow
- ⇒ Data Structures
- ⇒ Functions
- ⇒ Error Handling
- ⇒ Advanced Data Types
- ⇒ File Handling
- ⇒ Advanced Control Flow
- ⇒ Object-Oriented Programming (OOP)
- ⇒ Modules and Packages
- ⇒ Functional Programming
- ⇒ Regular Expressions
- ⇒ Concurrency and Parallelism



Java

JavaScript is a dynamic, high-level language used for creating interactive web pages and front-end development. It powers modern web applications by enabling animations, user interactions, and real-time updates. 🚀

- ⇒ Introduction to Java
- ⇒ Java Basics
- ⇒ OOP Concepts
- ⇒ Advanced OOP Concepts
- ⇒ Exception Handling
- ⇒ Java Collections Framework
- ⇒ File Handling in Java
- ⇒ Multithreading
- ⇒ Java GUI Programming
- ⇒ Java Applets
- ⇒ JDBC (Java Database Connectivity)
- ⇒ Introduction to Java 8 Features
- ⇒ Best Practices and Coding Standards
- ⇒ Building a Simple Java Project



Java Script

Java is a platform-independent, object-oriented programming language widely used in web development, mobile apps, and enterprise software. Its strong security, scalability, and vast community support make it a popular choice for developers. 🚀

- ⇒ Introduction to Java Script
- ⇒ Java Script Basics
- ⇒ Functions in JavaScript
- ⇒ Arrays & Objects
- ⇒ Advanced JavaScript Concepts
- ⇒ ES6+ Features
- ⇒ DOM Manipulation
- ⇒ Browser APIs
- ⇒ Error Handling & Debugging
- ⇒ Object-Oriented Programming (OOP) in JavaScript
- ⇒ Asynchronous JavaScript
- ⇒ Best Practices



C++

C++ is a powerful, high-performance programming language that supports both procedural and object-oriented programming. It is widely used in game development, system software, and applications requiring speed and efficiency. 🚀

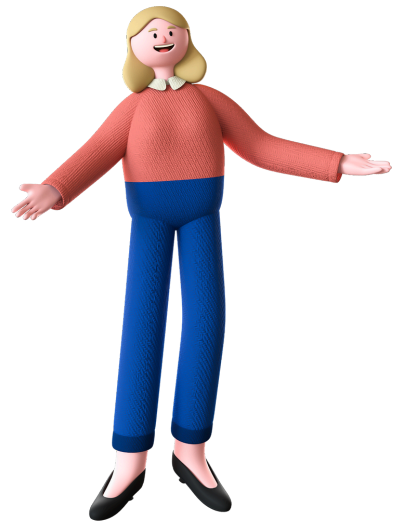
- ⇒ Introduction of C++
- ⇒ Data Types and Variables
- ⇒ Operators and Expressions
- ⇒ Control Statements
- ⇒ Functions
- ⇒ Arrays and Strings
- ⇒ Pointer and References
- ⇒ OOP Concepts
- ⇒ File Handling
- ⇒ Error Handling and Debugging
- ⇒ Standard Template Library (STL)



C Programming

Learning C enhances logical thinking and helps understand how computers work at a low level. It is a versatile language used in system programming, game development, and embedded systems, making it a great choice for aspiring programmers. 🚀

- ⇒ Introduction to C Programming
- ⇒ Basics of C
- ⇒ Control Flow Statements
- ⇒ Functions in C
- ⇒ Arrays and Strings
- ⇒ Pointers in C
- ⇒ Structures and Unions
- ⇒ File Handling in C
- ⇒ Error Handling
- ⇒ C type Casting
- ⇒ C-Storage Classes
- ⇒ Console I/O
- ⇒ Headers Files
- ⇒ Preprocessor Directives



Full Stack Development

Full stack development covers both front-end (UI/UX) and back-end (server, database) technologies, enabling developers to build complete web applications. It offers a versatile skill set, making developers highly valuable in the tech industry. 🚀

⇒ Introduction to Web Development

⇒ Introduction to HTML, CSS & Java Script

⇒ Introduction to React.js

⇒ React.js Development

⇒ Introduction to Node.js

⇒ Introduction to Express.js

⇒ Introduction to Mongo DB

⇒ Building RESTful API with Node.js & Express.js

⇒ Full Stack Application Development with MERN Stack

⇒ Advance Topics & Project Work



Wordpress

Full stack development covers both front-end (UI/UX) and back-end (server, database) technologies, enabling developers to build complete web applications. It offers a versatile skill set, making developers highly valuable in the tech industry. 🚀

- ⇒ Introduction to WordPress
- ⇒ Setting Up WordPress
- ⇒ Understanding WordPress Themes
- ⇒ WordPress Plugins
- ⇒ WordPress Posts and Pages
- ⇒ WordPress Menus & Widgets
- ⇒ WordPress User Management
- ⇒ WordPress SEO Optimization
- ⇒ WordPress Performance Optimization
- ⇒ WordPress eCommerce (WooCommerce)
- ⇒ WordPress Customization & Page Builders
- ⇒ WordPress Multisite
- ⇒ WordPress Custom Development

