Tel +44 20 4571 2395
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What is Java Training?

This 3 day Java training course, designed for absolute beginners, provides candidates with a practical knowledge of Java.

This Java Programming Course will elevate a candidate's knowledge of Java and enable them to decipher complex object-oriented computer programming language - enabling candidates to individually program with Java. Specifically designed for aspiring Java developers that wish to program Java applications, this course enables the acquisition of knowledge concerning implementing standard SQL Queries within databases and how to manipulate data to create Java technology applications. The course is beneficial for individuals due to developing experience and applicable knowledge of how to create multi-threaded, robust, and complex Java applications, whilst demonstrating the desire to enhance one's personal development to current and future employers. This training course offers the ideal platform to learn Java Programming Techniques, that can be instantly applied to App development and business websites upon completion.

Candidates will learn about Object-Oriented approaches - interacting with graphical Java objects during the early stages of the course through utilising Micro-platforms to develop knowledge concerning Java Syntax and Coding Techniques. Undertaking this Java Programming Foundation Course is the first step to becoming a Programmer, the next stage of development is the JavaScript Training Course and/or additional programming training courseswhich build upon obtained knowledge.

Java is one of the most popular programming languages due to its versatility and software compatibility, hence undertaking this course will develop your knowledge of a relevant programming tool at the forefront of software development and consequently open career doors.

What's Included?

- Java Programming Coursework Booklet
- Java Standard Ed 6 Exam Preparation Guidance Booklet
- Java Programming Manual
- Certificate
- Tuition from a highly experienced and accredited Java programming instructor
- Refreshments

Java Programming Training Exam

- Multiple Choice Exam
- 150 Minutes
- A 65% Pass mark is required for certification

We now offer a great HTML5 & CSS3 training course for those who need to update their existing development skills.

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By the end of the Java training course, delegates will be able to:

- Write their own Java programs
- Work with existing code
- Utilise object oriented Programme Approaches
- Understand Java Programming Language
- Java Best-Practice
- Conduct Object Oriented Software Development

Introduction to Java Programming

- Why use Java
- How does Java work?
- Java Access Control
- Object Oriented Java
- Data Structures
- Inheritance Hierarchies
- Polymorphism
- Designing Code

Language Syntax

- Variables
- Statements
- Arrays
- Conditional Statements
- Loops

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Object Orientation

- Introduction to OO Programming
- Creating Classes - methods, fields, visibility
- Overloaded methods
- Extending a class
- Advanced object syntax
- Accessors and mutators
- Java Collection Class Issues - Ordering and Sorting
- Algorithms, data structures, and apps
- Reusing Code
- Static Methods and Variable
- Creating Java Classes
- Java Selection and Iteration

Standard Utility Classes

- Collections
- File access
- Mathematical functions

Building Real World Applications

- Javadoc and API's
- Practise Project
- Where next?

This Java training course, designed for absolute beginners, provides candidates with a practical knowledge of Java. As well as teaching the fundamentals of the language a variety of exercises also introduce good programming practice.