

# IT Specialist - Java

**This Java course is excellent for those wanting to learn how to code in Java, a powerful object-oriented programming language.**

## course outline

### ABOUT THE COURSE

This course is excellent for someone wanting to learn how to code in Java, a powerful object-oriented programming language. The content covers the IT Specialist (ITS) Java exam objectives, gaining this certification will improve employability prospects for any software development position requiring Java coding skills.

The course covers Java fundamentals, data types and variables, flow control, object-oriented principles, and compiling and debugging code. These concepts are covered through simulating writing code for an online store, thus adding a real-life scenario to this course.

### COURSE OUTLINE

#### DOMAIN 1 – JAVA FUNDAMENTALS

Introduction, the Use of Main, Basic Input and Output, Variable Scopes.

#### DOMAIN 2 – DATA TYPES, VARIABLES AND EXPRESSIONS

Primitive Type Variables, String Manipulation, Arrays and Array Lists, Parsing, Casting and Conversion, Arithmetic and Assignment Operators.

#### DOMAIN 3 – FLOW CONTROL IMPLEMENTATION

Branching Statements, Loops.

#### DOMAIN 4 – OBJECT-ORIENTED PROGRAMMING

Classes, Class Data Members, Methods, Instantiate and Use a Class Object.

#### DOMAIN 5 – CODE COMPILATION AND DEBUGGING

Syntax, Logic and Runtime Errors, Exception Handling, Course Recap.

### PRE-REQUISITES

There are no specific pre-requisites required before starting this course.

### BENEFITS

- **Access to our LiveTutor service to help answer any content or learning queries you may have on a 24/7 basis;**
- **The flexibility and value of a self-study course designed to enable you to work at your own pace;**
- **The opportunity to gain the widely recognised Pitman Training certificate.**

**COURSE DURATION:** AROUND 50 HOURS  
(Actual course duration will vary from individual to individual, based on prior skills and application)



#### CPD POINTS: 50

(Awarded CPD points upon successful completion)

**To find out more about this or any of our courses, speak to one of our course advisors**



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for 180 years.

