

Java Bootcamp

Join us for a 2 day Java programming course where you will learn the skills to write code, and build applications on a professional level.

Throughout the course you will be building a stock trading application from scratch. This is an exciting opportunity to learn the fundamentals of programming in the context of a real world application.

What will you learn?

The course is mainly skills focused, meaning that particular attention will be placed on creating a stock trading application from scratch.

We will be providing students with a half-baked application that requires additional work and design to be fully functional. Along the way we will be covering topics such as application design, code organisation, source code control and of course coding (just to mention a few).

Technologies used:

- Java
- Spring
- MySQL

Who is the course aimed at?

We invite anyone who is new to programming, Java or has some technical background. If you're not sure if this course is suitable for you then please contact us.

How long is the course?

The course is 2 days long running over a Saturday and Sunday. Each day will be around 8 hours long.

How much is the course?

The course is £220 including VAT.

When is the course?

TBD

Where is the course?

TBD

Course breakdown:

Day 1

TIME	ACTIVITY	DESCRIPTION
09:00:00	Introduction	Introduction to the course material, technologies and project setup.
10:00:00	Java basics	Covering the basics of the Java programming language with hand-on exercises: <ul style="list-style-type: none">• Basic principles• Data types• Collections
12:00:00	Lunch	Lunch will not be provided, but there are lots of surrounding shops, restaurants and cafes to grab something to eat.
13:00:00	Application design	Analysing the requirements of our application and thrashing out a design to meet the specification.
13:00:00	Programming	Following by example to build out the server-side code which will serve the trading application with the functionality and data it needs to work.
18:00:00	Day 1 end	Re-cap of the course thus far.

Day 2

TIME	ACTIVITY	DESCRIPTION
09:00:00	Introduction	Setting out the day ahead as well as re-capping once more on what we did on day 1.
09:30:00	Java basics	<p>Covering more of the Java programming language in more depth with exercises.</p> <ul style="list-style-type: none">• Inheritance• Design patterns
10:30:00	Programming	Following on from day 1 to implement remaining functionality.
12:00:00	Lunch	
13:00:00	Introduction to databases	Introduction to structured query language (SQL) to retrieve and manipulate data held within a database.
14:00:00	Programming	Plumbing in the database to our trading application retrieve data for the application.
18:00:00	Course wrap-up	Re-cap of all the day and the course.