

Programming Essentials

Group Training

Training code	CGAPRESECE
Spoken Language	English
Language Materials	English
Dayparts	4
Price	€1.400,00 excl. VAT No extra costs.

What is Programming Essentials

Programming Essentials is a two-day training for beginners in the Java programming language. The training is also very suitable as an introduction to programming for non-technical people, when they are in daily contact with software engineers and want to experience what it takes to write a piece of software.

The first half of the first day is about the environment in which the Java programmer lives. We are going to talk about the competencies, skills and mindset of a programmer. With which other actors does the Java programmer come into contact? What kind of information does a business analyst expect from a programmer and vice versa. We also look at types of projects and processes where a software engineer can be involved. The other half of the first day and the entire second day is about programming itself.

We go through a selection of basic concepts of Java and learn how to deal with this in a fun way. All object-oriented principles are discussed with extensive examples. Unit testing and general test concepts are discussed as well as documentation in Unified Modeling Language. Finally, we start with interactively working on software quality and everything this implies.

During the second day, students will work on a case individually or in a small group, where they will place every new, learned step in a real piece of functioning code. At the end of the second day everyone takes home their own code and working functionality.

Who should attend Programming Essentials

This training is ideal for beginners in the Java programming language. The training is also very suitable as an introduction to programming for non-technical people, when they are in daily contact with software engineers and want to experience what it takes to write a piece of software.

During the training, you will be using laptops with specific software. These laptops are provided by Capgemini Academy, for use during the training.



Prerequisites

No prerequisites

Objectives

This training relates to DevOps: Programming

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Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

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IN/3A-018.18