Vak: Introductie Java

credits: 3

Vakcode	BFVH3JAVA
Naam	Introductie Java
Studiejaar	2023-2024
ECTS credits	3
Taal	Nederlands
Coördinator	M.A. Noback
Werkvormen	Hoorcollege Werkcollege
Toetsen	Intro Java - Computer, eigen organisatie

Leeruitkomsten

After attending this course, students will have knowledge of, and can apply the following aspects to small-scale programming tasks:

- The Java programming language elements: syntax, methods, classes, interfaces, enums
- Object-oriented concepts: inheritance, polymorphism
- IO, regular expressions, Exceptions and Collections.
- Using the IntelliJ Idea IDE for programming, refactoring and version control.
- Basic usage of Gradle project management (in concordance with IntelliJ)
- Running JUnit test cases using IntelliJ

Inhoud

During this introductory course you will learn to program in Java, how to create an very basic Object-Oriented design, work with the IntelliJ Idea IDE and use git as a version control system.

Beoordeling There will be a 2-hour computer assessment. Several questions and small programming assignments will test your skills and knowledge of the different aspects of the Java programming language. Some aspects of this course (mainly IO and the Object-Oriented design aspects) will (also) be tested in the context of the theme 9 practical project Praktijkopdracht.

Opgenomen in opleiding(en)

Bio-Informatica

School(s)

Instituut voor Life Science & Technology

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