## Digital Learning Hub\_

## **Certificate of participation**

Issued to : Tanja ZYDEK-DOUCIN

Title of the course

# JAVA - Introduction to computational thinking and Java programming

Date of the course : from 09/09/2024 to 13/09/2024

Hours of training : 20 (100%)

Attendance rate : 100%

Esch-sur-Alzette, 18 September 2024

**Dr. Serge Linckels**Managing Director

Terres Rouges building 14, porte de France L-4360 Esch-sur-Alzette T +352 247-95242 info@dlh.lu

## Digital Learning Hub\_

#### JAVA - Introduction to computational thinking and Java programming

#### Content

- Introduction to programming
- Basic programming concepts
- Variables and Data Types
- Conditionals
- Loops
- Control Structures
- Introduction to algorithms

#### **Learning Outcomes**

On completion of this course, learners will be able to

- apply logical and computational thinking
- design algorithms
- create a working software
- analyze a source code for debugging

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