





This is to certify that

Carlos Delgado Kloos
Vice-President for Strategy and Digital Education

Universidad Carlos III de Madrid

## **Linda Whitfield**

successfully completed and received a passing grade in

## IT.1.3x: Introduction to Java Programming: Fundamental Data Structures and Algorithms

a course of study offered by UC3Mx, an online learning initiative of Universidad Carlos III de Madrid.



Verified Certificate
Issued December 25, 2021

Valid Certificate ID 8ecaa0f42f484bf29171c9753407f182