

**Verified**  
Certificate



A handwritten signature in blue ink, likely belonging to Carlos Delgado Kloos.

**Carlos Delgado Kloos**

Full Professor, Telematic Engineering Department

*Universidad Carlos III de Madrid*

A handwritten signature in blue ink, likely belonging to Carlos Santiuste Romero.

**Carlos Santiuste Romero**

Vice Rector for Infrastructures

*Universidad Carlos III de Madrid*

This is to certify that

**C V CHARAN**

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 May 27, 2024

**Valid Certificate ID**

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