



CERTIFICATE of ACHIEVEMENT

This is to certify that

Andres Järvan

successfully completed and received a passing grade in

**IT.1.1x: Introduction to Programming with Java Part 1:
Starting to Program in Java**

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



Universidad
Carlos III de Madrid

A black ink signature of the name 'Carlos Delgado Kloos'.

Carlos Delgado Kloos

Full Professor, Department of Telematic Engineering
Vice-President for Strategy and Digital Education
Universidad Carlos III de Madrid

VERIFIED CERTIFICATE

Issued July 13, 2015

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