

Penn
UNIVERSITY *of* PENNSYLVANIA

Nov 14, 2024

Basma ELKHALFI

has successfully completed

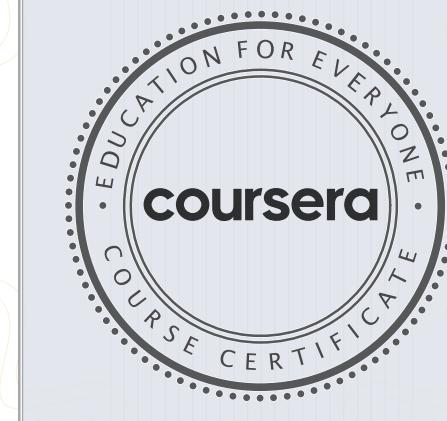
Introduction to Java and Object-Oriented Programming

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

A handwritten signature in black ink that reads "Brandon Krakowsky".

Brandon Krakowsky
Lecturer
School of Engineering and Applied Science

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/OE9IEAZ394EF>

Coursera has confirmed the identity of this individual and
their participation in the course.