



CERTIFICATE OF RECOGNITION



Hussama Ismail

Oracle Certified Associate, Java SE 8 Programmer

THIS CERTIFIES THAT ABOVE NAMED IS
RECOGNIZED BY ORACLE CORPORATION AS AN
ORACLE CERTIFIED ASSOCIATE.

July 11, 2019

DATE

A stylized, handwritten signature in black ink, appearing to read "D. Carey".

DAMIEN CAREY

SENIOR VICE PRESIDENT, ORACLE UNIVERSITY