



May 9, 2022

HOSSAM MAGDY HASSAN  
HUSSIEN BALAHA

has successfully completed

Introduction to Python Programming

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

A handwritten signature in black ink, appearing to read "Brandon Krakowsky".

Brandon Krakowsky  
Lecturer  
School of Engineering and Applied Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/LRV7LEQ6896J>

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