

# Verified Certificate



A handwritten signature in black ink, appearing to read "Aspen Olmsted".

**Aspen Olmsted**  
Adjunct Professor  
*New York University*

This is to certify that

**Guido Klaus Arnold Bartels**

successfully completed and received a passing grade in

**FCS.PRG.1: Basics of Computing and Programming**

a course of study offered by NYUx, an online learning initiative of  
New York University.



**Verified Certificate**  
Issued October 27, 2020

**Valid Certificate ID**  
[c47d5178e30649daa9ed9cefc1e7bc66](#)