



# CLA: Programming Essentials in C

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:

- the universal concepts of computer programming,
- developer tools,
- the syntax and semantics of the C language, as well as data types in the C language,
- the means by which to resolve typical implementation problems,
- the writing of C programs using standard language infrastructure, regardless of the hardware or software platform,
- the fundamental programming techniques, customs and vocabulary, including the most common library functions and the usage of the preprocessor.

This Statement of Achievement is to acknowledge that during the course CLA: Programming Essentials in C, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the C language.

By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.

**Achraf Chakir**

Student

**ENSAM Casablanca**

Academy Name

**Morocco**

Location

**4 Jun 2023**

Date

**Adil Chergui**

Instructor

Instructor Signature