

Students:

Section 1.9 is a part of 1 assignment: **CSC108 CH01 PA**

This assignment's due date has passed. Activity will still be recorded, but will not count towards this assignment (unless the due date is changed). See [this article](#) for more info.

Includes: 

PA

Due: 01/30/2025, 11:59 PM EST

## 1.9 Language history

In 1978, Brian Kernighan and Dennis Ritchie at AT&T Bell Labs (which used computers extensively for automatic phone call routing) published a book describing a new high-level language with the simple name **C**, being named after another language called B (whose name came from a language called BCPL). C became the dominant programming language in the 1980s and 1990s.

In 1985, Bjarne Stroustrup published a book describing a C-based language called **C++**, adding constructs to support a style of programming known as *object-oriented programming*, along with other improvements. The unusual ++ part of the name comes from ++ being an operator in C that increases a number, so the name C++ suggests an increase or improvement over C.

Both C and C++ are popular first languages for programming computers, widely used for desktop and embedded systems. Furthermore, C# for Microsoft Windows programming and Objective-C for iPhone/iPad/Mac programming are C++ variants. Many newer languages like Java have a strong C/C++ flavor.

A January 2023 survey ranking languages by their popularity, based on programming related searches using popular search engines, yielded the following:

Table 1.9.1: Top languages ranked by popularity.

Language	Percentage
Python	16.36%
C	16.26%
C++	12.91%
Java	12.21%
C#	5.73%
Visual Basic	4.64%
JavaScript	2.87%
SQL	2.50%
Assembly language	1.60%
PHP	1.39%

(Source: <https://www.tiobe.com/tiobe-index/>, 2023)

Feedback?

The C/C++/C# group accounts for 35% of all programming related searches.

PARTICIPATION  
ACTIVITY

1.9.1: C/C++ history.

1) In what year was the first C book published?

CheckShow answer

2) In what year was the first C++ book published?

CheckShow answer

3) According to the above table, C, C++, and C# account for what percentage of programming related searches?

%

CheckShow answer

Feedback?

How was this section?

Provide section feedback

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106 / 106 points

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submitted to LMS

Completion details