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C Language Overview

This chapter describes the basic details about C programming language, how it emerged,

What are strengths of C and why we should use C.

The C programming language is a general-purpose, high-level language that was

Originally developed by Dennis M. Ritchie to develop the UNIX operating system at Bell

Labs. C was originally first implemented on the DEC PDP-11 computer in 1972.

In 1978, Brian Kernighan and Dennis Ritchie produced the first publicly available

Description of C, now known as the K&R standard.

The UNIX operating system, the C compiler, and essentially all UNIX applications programs

Have been written in C. The C has now become a widely used professional language for

Various reasons.

- ☐ Easy to learn

- ☐ Structured language

- ☐ It produces efficient programs.

☐ It can handle low-level activities.

☐ It can be compiled on a variety of computer platforms.

Facts about C

☐ C was invented to write an operating system called UNIX.

☐ C is a successor of B language, which was introduced around 1970.

☐ The language was formalized in 1988 by the American National Standard Institute.