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C Language

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Introduction

- Developed in 1972 by Dennis M. Ritchie at the Bell Telephone Laboratories to develop the UNIX operating system.
- C is the most widely used computer language.
- To assure that 'C' language will remain standard, American National Standards Institute (ANSI) defined a commercial standard for 'C' language in 1989.
- Later, it was approved by the International Standards Organization (ISO) in 1990.



About C Programming

- Mother Language
- System programming language
- Procedure-oriented programming language
- Structured programming language
- Mid-level programming language
- Portable



Why Learn C Programming?



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- C helps you to understand the internal architecture of a computer, how computer stores and retrieves information.
- 'C' contains 32 keywords, various data types and a set of powerful built-in functions that make programming very efficient.
- Another feature of 'C' programming is that it can extend itself



Applications of C Programming

1. 'C' language is widely used in embedded systems.
2. It is used for developing system applications.
3. It is widely used for developing desktop applications.
4. Most of the applications by Adobe are developed using 'C' programming language.
5. It is used for developing browsers and their extensions.



Applications of C Programming Contd.

- 6. It is used to develop databases.
- 7. It is used in developing an operating system.
- 8. It is used for compiler production.
- 9. It is widely used in IOT applications.





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Programming is not about what you
know; It's about what you can figure
out.