

C Language

Prof. Kriti Vishesh Jaiswal
Assistant Professor
Computer Science & Engineering
School of Engineering & Technology





Introduction

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- 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?



- 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

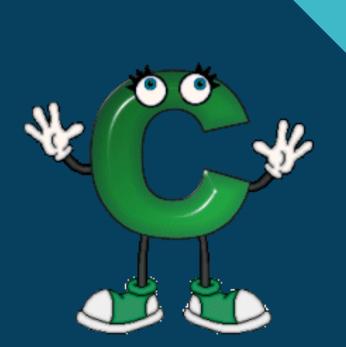




Applications of C Programming



- 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.







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