INTRODUCTION TO C LANGUAGE

What is C Language?
C is a general purpose, procedural computer programming language supporting to structured programming, lexical variable scope and recursion with static type system. C is also considered middle level language because it supports the feature of both low level and high level language.

History of C Language
Martin Richards:
1) Developer of **BCPL**.
2) **B**asic **C**ombined **P**rogramming **L**anguage.
3) 1966

Ken Thompson
1) Developer of **B** language in 1969.
2) Also developer of UNIX operating system.
3) He also developed first master level chess called '**Belle'** in 1980.

Dennis Ritchie
1) Developer of **C** Language in 1972 at AT & T's Bell LABs, USA.
2) Co-developer of UNIX operating system.

Application Areas of C Language
1) Oracle written in C.
2) Core libraries of android are written in C.
3) MySQL is written in C.
4) Almost every device driver is written in C.
5) Major part of web browser is written in C.
6) Unix Operating system is developed in C.
7) C is the world's most popular programming language.
8) Almost all operating system kernels were written in C.
9) Networking device.
10) Semiconductors and embedded systems.
11) The **core part of Git** is **written in C**, which **ignores** runtime overheads associated with other high-level languages.
12) New languages descend from C.

For Student:
1. C is important to build programming skills.
2. C covers basic features of all programming language.
3. Campus recruitment process.
4. C is the most popular language for hardware dependent programming.