

UNIT-5

PROGRAMMING IN C

Introduction of C:

- 'C' seems a strange name for a programming language. But this strange sounding language is one of the most popular computer languages today because it is a structured, high-level, machine independent language. It allows software developers to develop programs without worrying about the hardware platforms where they will be implemented.
- 'C' language was developed by Dennis Ritchie at Bell laboratories in 1972.

Some facts about C:

- In 1988, the American National Standards Institute (ANSI) had formalized the C language.
- C was invented to write UNIX operating system.
- C is a successor of 'Basic Combined Programming Language' (BCPL) called B language.
- Linux OS, PHP, and MySQL are written in C.
- C has been written in assembly language.

C has been popular for the following reasons:

- One of the early programming languages.
- Still, the best programming language to learn quickly.
- C language is reliable, simple and easy to use.
- C language is a structured language.
- Modern programming concepts are based on C.
- It can be compiled on a variety of computer platforms.