

1. What is C language?

C language is a high-level, general-purpose programming language developed by Dennis Ritchie in 1970.

2. What are the applications of C programming?

operating system :- used in developing systems like UNIX, windows, and linux.

compilers and interpreters :- many language compilers are written in C

3. What is variable

A variable is a name given to a memory location that is used to store data in a program. The value of a variable can change during program execution.

4. What are different data types of C-programming

data type in C

Basic data type

Float

Double

int

char

Bool

void

Derived data type

Array

Pointer

function



## User defined data types

Union

Structure

Enum

5. What is format specifier

A format specifier is used to define the type of variable or value (such as integer, float, character or string) that is to be printed or read.